

## Product Datasheet

# Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228)

<b>Catalog Number</b>	orb612228
<b>Category</b>	Antibodies
<b>Description</b>	Trk A + B + C Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	NTRK2
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Trk-B : 800-822/822
<b>UniProt ID</b>	<b>Q16620</b>
<b>MW</b>	Calculated molecular weight: 90kDa. Detected molecular weight: 130kDa.

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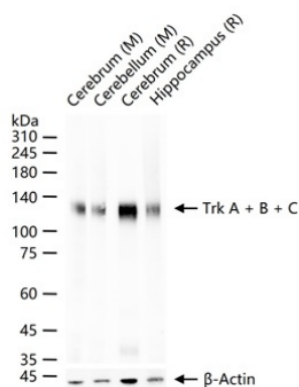
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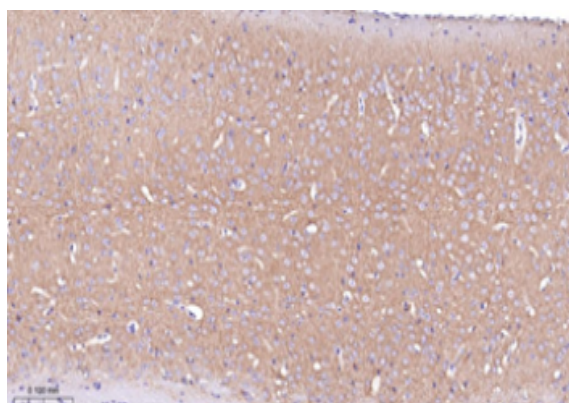
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<b>Tested applications</b>	ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB (Mouse, Rat)=1:500-2000, IHC-P (Human, Mouse, Rat)=1:50-200, IHC-F (Human, Mouse, Rat)=1:50-200, IF (Human, Mouse, Rat)=1:50-200, ICC/IF=1:50-200
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	5T6
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



25  $\mu$ g total protein per lane of various lysates probed with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at room temperature for 60 min.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.

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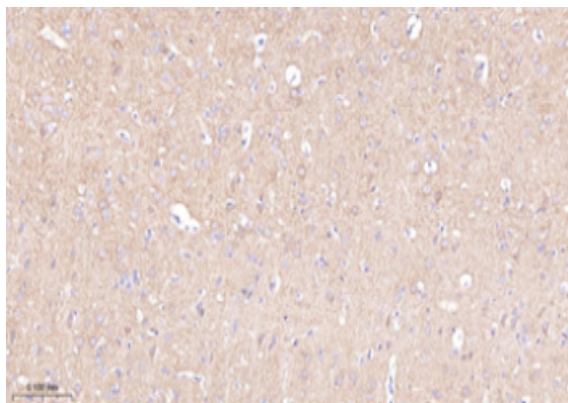
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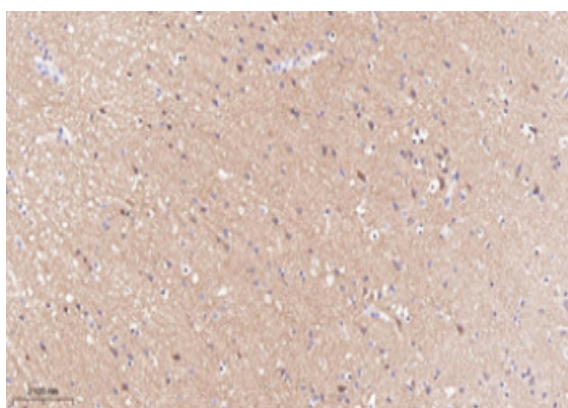
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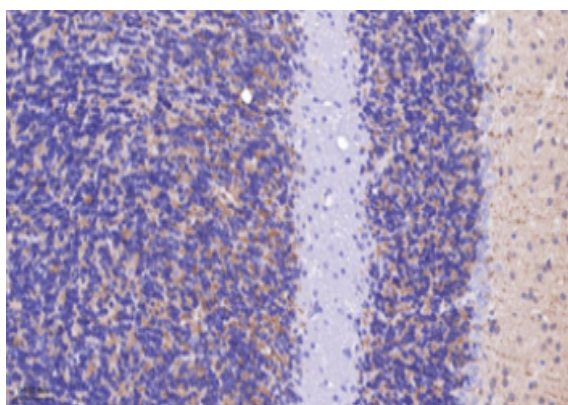
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Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.

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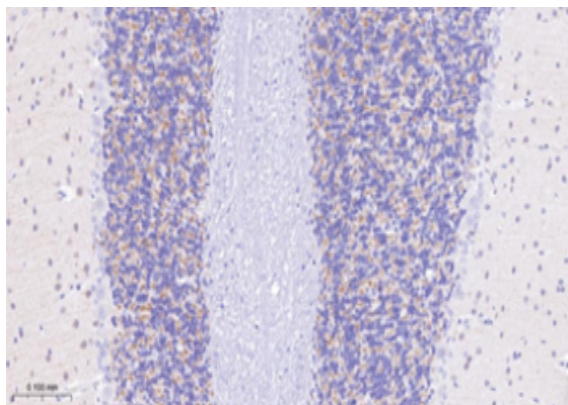
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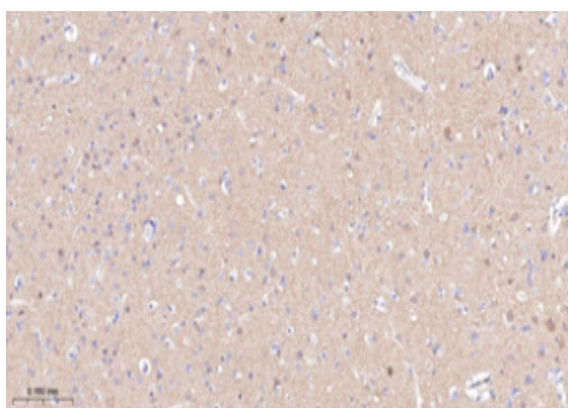
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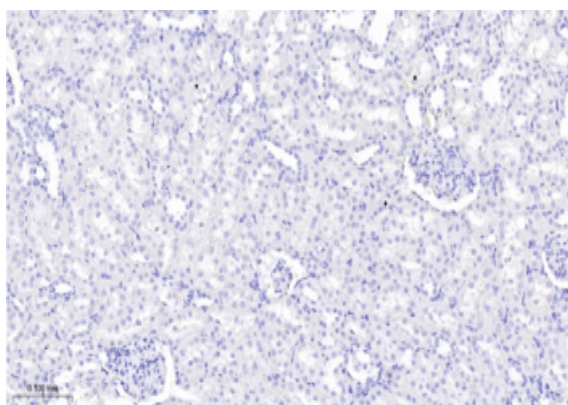
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Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Glioma. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.



(Negative control) Paraformaldehyde-fixed, paraffin embedded Rat Kidney. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.

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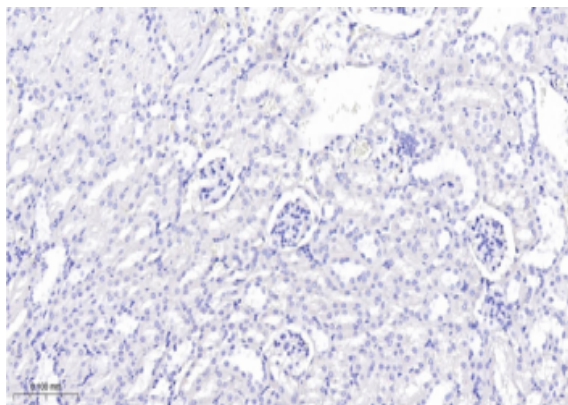
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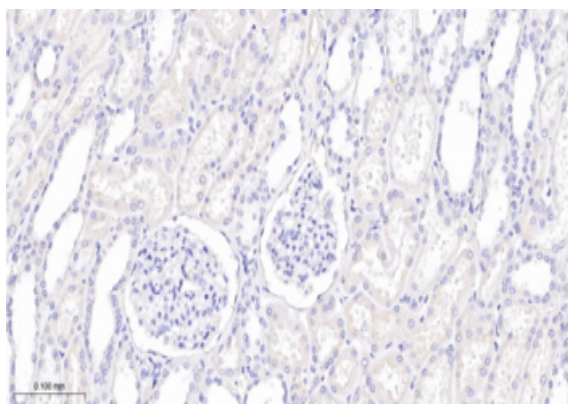
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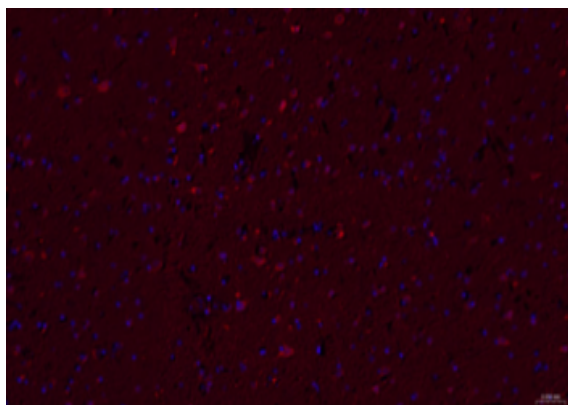
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(Negative control) Paraformaldehyde-fixed, paraffin embedded Mouse Kidney. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.



(Negative control) Paraformaldehyde-fixed, paraffin embedded Human Kidney. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L, HRP conjugated (orb572747) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG H&L, BF594 conjugated (orb1809473), DAPI was used to stain the cell nuclei.

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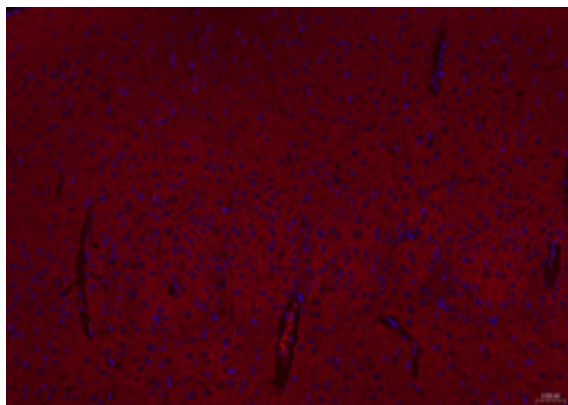
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Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum. Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min. The section was incubated with Trk A + B + C Recombinant Rabbit Monoclonal Antibody (orb612228) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG H&L, BF594 conjugated (orb1809473), DAPI was used to stain the cell nuclei.

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