

## Product Datasheet

### BDNF Rabbit Polyclonal Antibody (orb155815)

<b>Catalog Number</b>	orb155815
<b>Category</b>	Antibodies
<b>Description</b>	BDNF Rabbit Polyclonal Antibody
<b>Target</b>	BDNF
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Guinea pig, Porcine, Rabbit
<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 BDNF (151-247/247aa)
<b>UniProt ID</b>	<b>P23560</b>
<b>MW</b>	13/27 kDa
<b>Tested applications</b>	IF, IHC-Fr, IHC-P, WB

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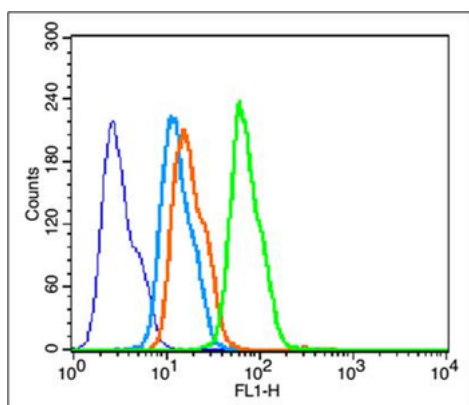
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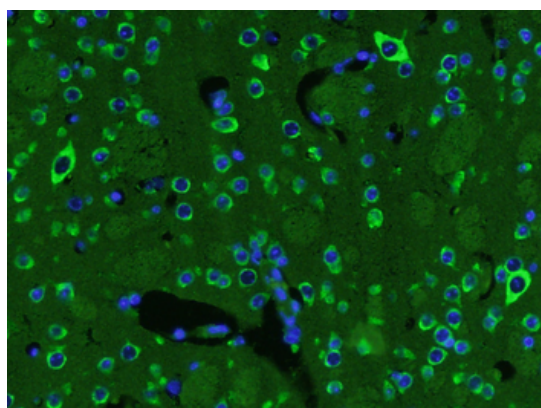
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<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:50-200, IHC-F=1:50-200, IF=1:50-200
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent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



Blank control (blue): HepG2 (fixed with 2% paraformaldehyde for 10 min at 37°C). Primary Antibody: Rabbit Anti-BDNF antibody (orb155815, Green), Dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions, Secondary Antibody: Goat anti-rabbit IgG-FITC (white blue), Dilution: 1:200 in 1X PBS containing 0.5% BSA.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (BDNF) Polyclonal Antibody, Unconjugated (orb155815) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (orb868805) for 90 minutes, and DAPI for nuclei staining.

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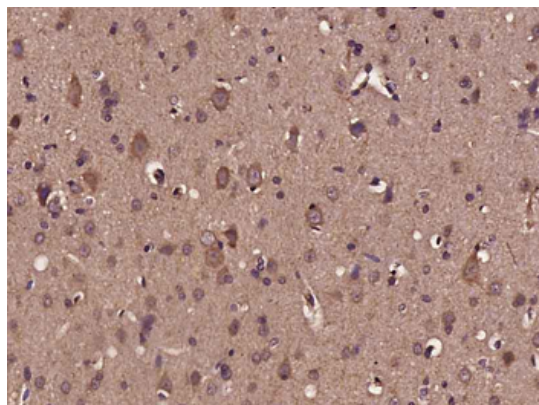
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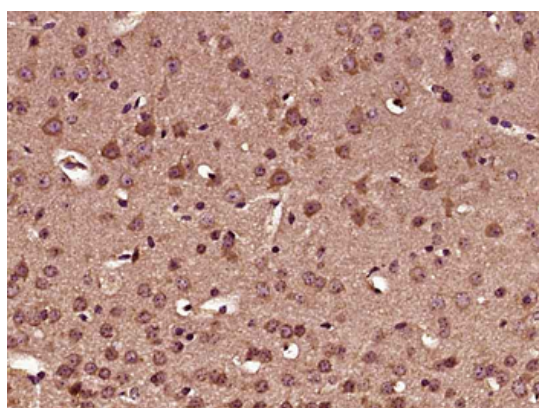
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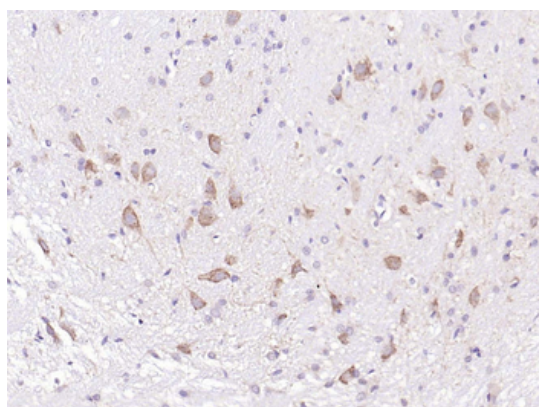
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Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (BDNF) Polyclonal Antibody, Unconjugated (orb155815) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (BDNF) Polyclonal Antibody, Unconjugated (orb155815) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (BDNF) Polyclonal Antibody, Unconjugated (orb155815) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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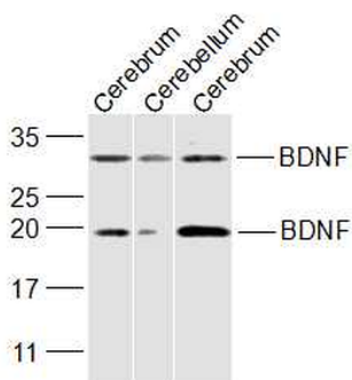
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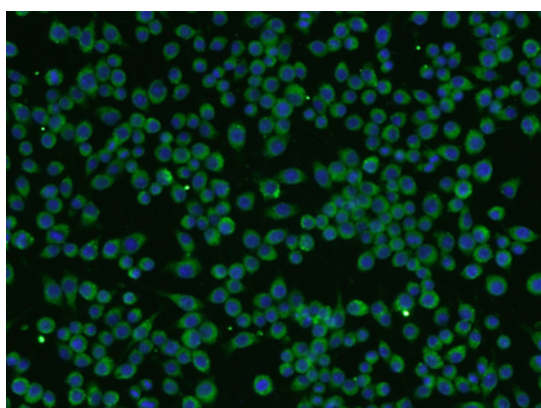
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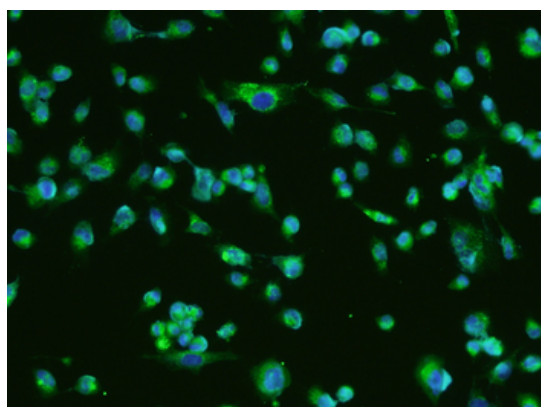
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Sample: Cerebrum (Mouse) Lysate at 40 ug, Cerebellum (Mouse) Lysate at 40 ug, Cerebrum (Rat) Lysate at 40 ug, Primary: Anti-BDNF (orb155815) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 13/27 kD, Observed band size: 18/32 kD.



Tissue/Cell: BV-2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (BDNF) Polyclonal Antibody, Unconjugated (orb155815) 1:200, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (orb868805) at 37°C for 90 minutes, DAPI (5 ug/ml, blue) was used to stain the cell nuclei.



Tissue/Cell: U251 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (BDNF) Polyclonal Antibody, Unconjugated (orb155815) 1:200, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (orb868805) at 37°C for 90 minutes, DAPI (5 ug/ml, blue) was used to stain the cell nuclei.

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