

Product Datasheet

CALB1 Rabbit Polyclonal Antibody (orb182649)

Catalog Number	orb182649
Category	Antibodies
Description	CALB1 Rabbit Polyclonal Antibody
Target	CALB1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Porcine, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human Calbindin (41-150/261aa)
UniProt ID	P05937
MW	29 kDa
Tested applications	ICC, IF, IHC-Fr, IHC-P, WB

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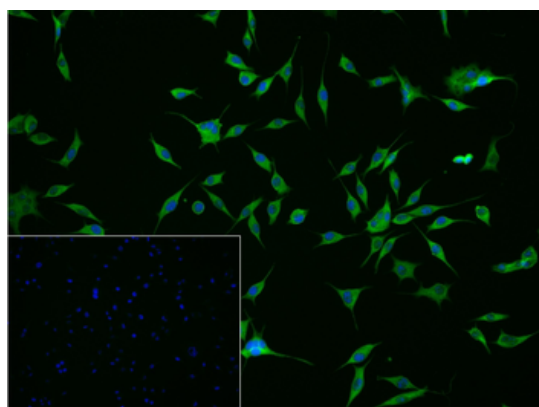
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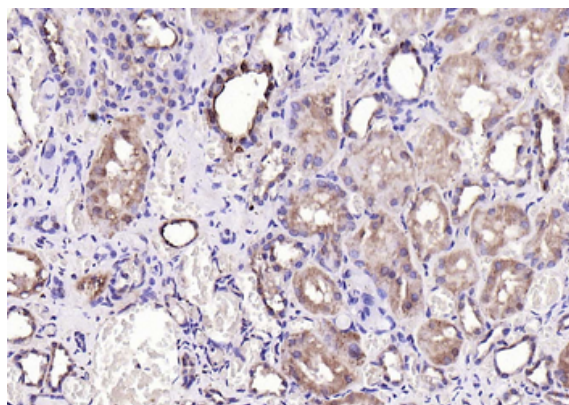
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Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



4% Paraformaldehyde-fixed SHSY5Y (H) cell, Triton X-100 at r.t. for 20 min, Antibody incubation with (Calbindin) polyclonal Antibody, unconjugated (orb182649) 1:50, 90 min at 37°C, followed by conjugated Goat Anti-Rabbit IgG antibody (green, orb868805) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



Paraformaldehyde-fixed, paraffin embedded (Human kidney), 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 (Calbindin) Polyclonal Antibody, Unconjugated (orb182649) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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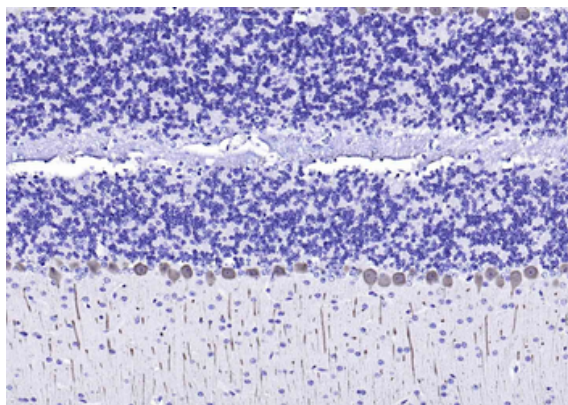
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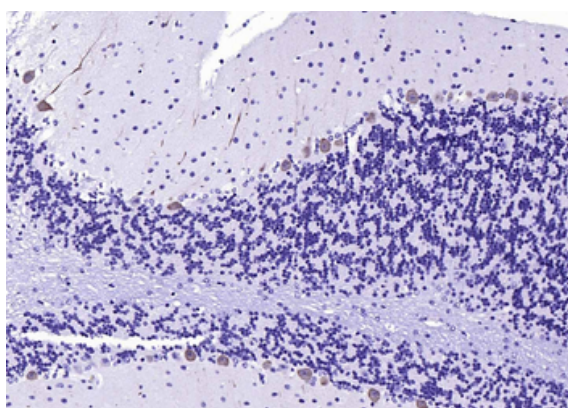
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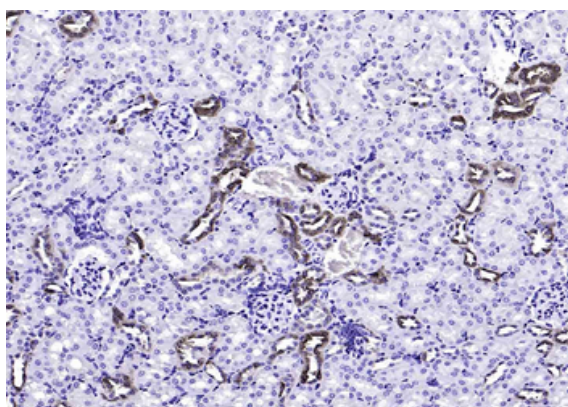
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Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Calbindin) Polyclonal Antibody, Unconjugated (orb182649) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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Paraformaldehyde-fixed, paraffin embedded (mouse kidney), 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 (Calbindin) Polyclonal Antibody, Unconjugated (orb182649) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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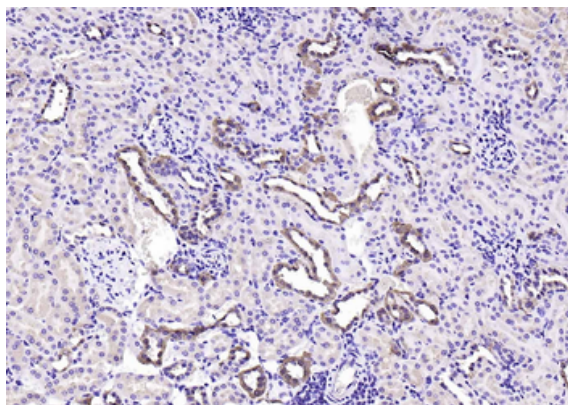
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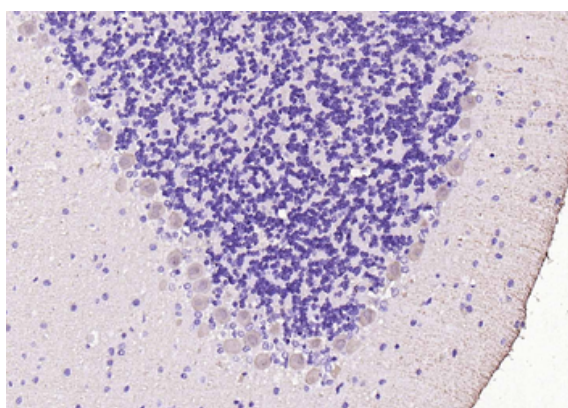
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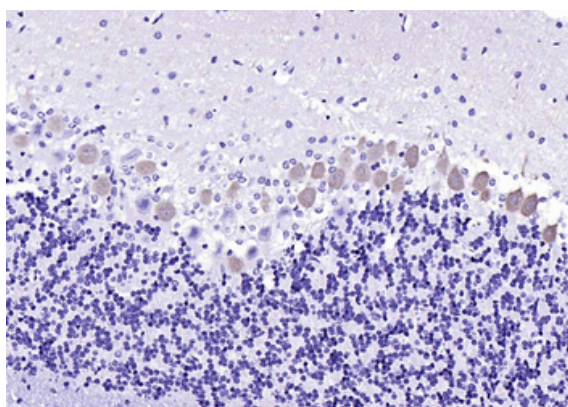
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Paraformaldehyde-fixed, paraffin embedded (rat cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Calbindin) Polyclonal Antibody, Unconjugated (orb182649) at 1:200 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 (Calbindin) Polyclonal Antibody, Unconjugated (orb182649) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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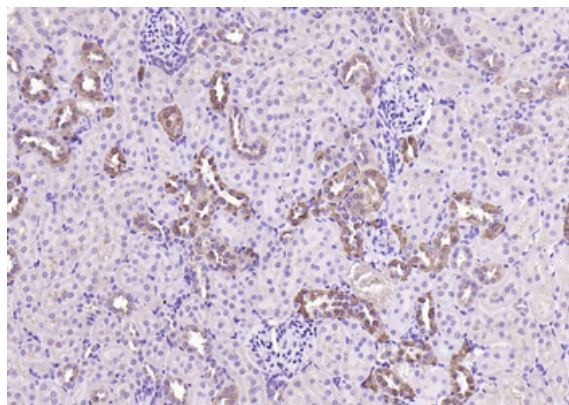
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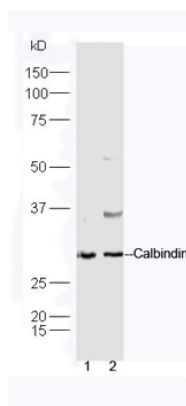
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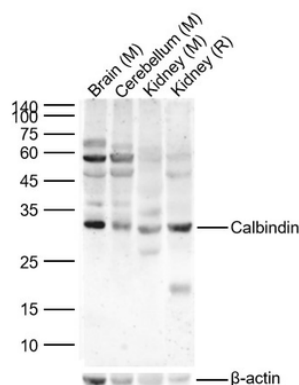
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Sample: kidney (mouse) Lysate at 40 ug, brain (Mouse) Lysate at 40 ug, Primary: Anti-Calbindin (orb182649) at 1/300 dilution, Secondary: HRP conjugated Goat-Anti-rabbit IgG (orb572747) at 1:5000, Predicted band size: 29 kD, Observed band size: 29 kD.



Sample: Lane 1: Mouse Brain Lysates, Lane 2: Mouse Cerebellum Lysates, Lane 3: Mouse Kidney Lysates, Lane 4: Rat Kidney Lysates, Primary: Anti-Calbindin (orb182649) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 29kDa, Observed band size: 29kDa.

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