

Product Datasheet

CALB1 Rabbit Polyclonal Antibody (orb182649)

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| 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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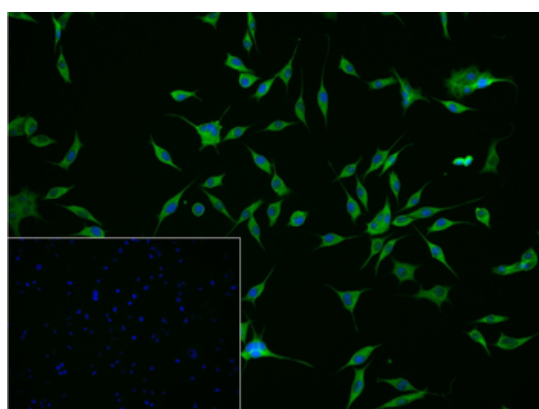
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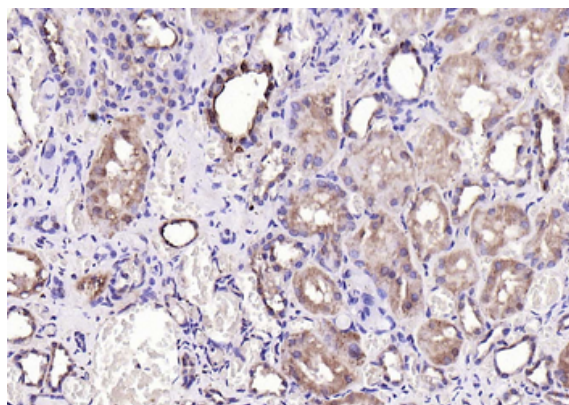
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|------------------------|---|
| Dilution range | WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500 |
| Antibody Type | Primary Antibody |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage 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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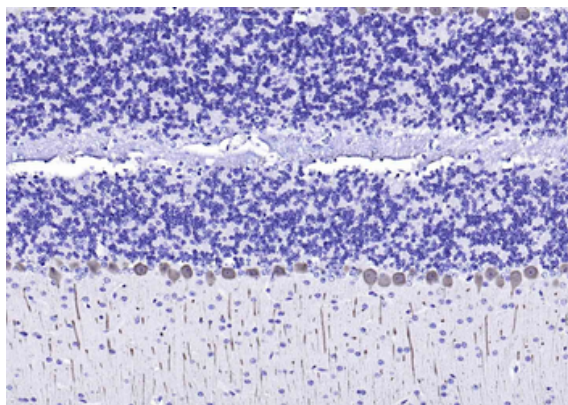
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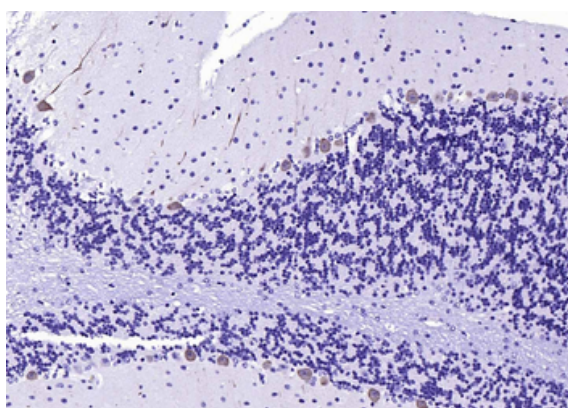
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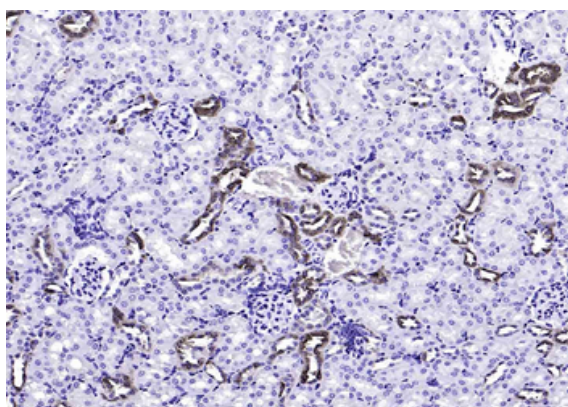
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Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C 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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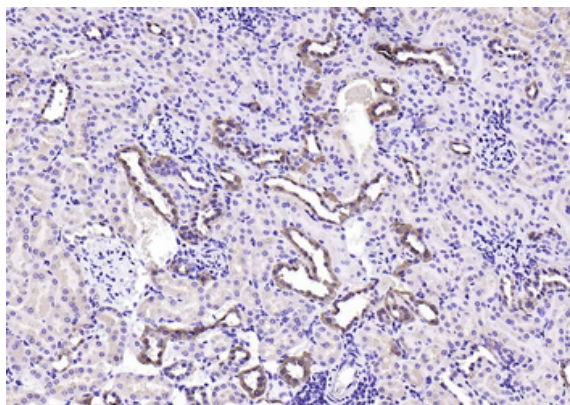
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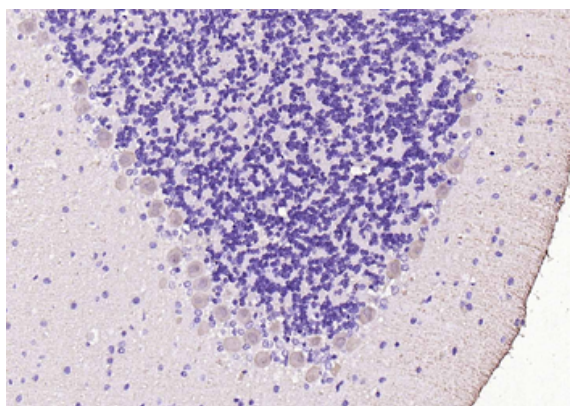
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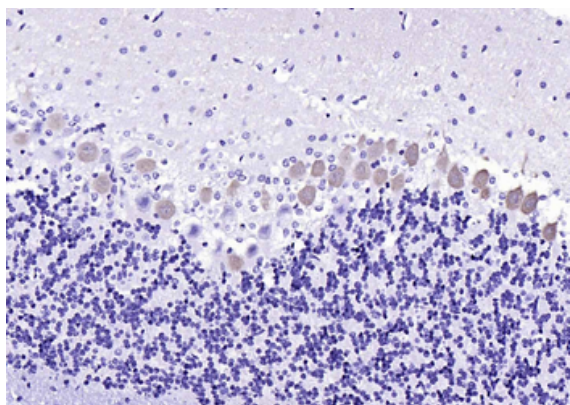
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Paraformaldehyde-fixed, paraffin embedded (rat cerebellum), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 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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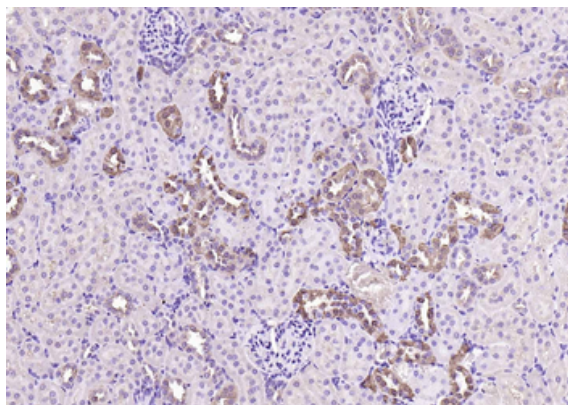
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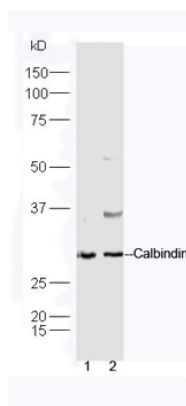
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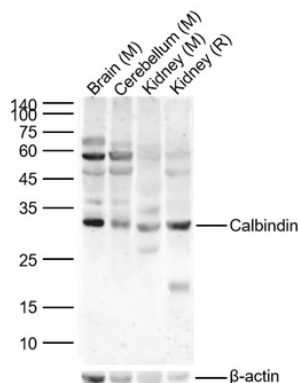
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Sample: kidney (mouse) Lysate at 40 ug, brain (Mouse) Lysate at 40 ug, Primary: Anti-Calbindin (orb182649) at 1/300 dilution, Secondary: HRP conjugated Goat-Anti-rabbit IgG (orb572747) at 1:5000, Predicted band size: 29 kD, Observed band size: 29 kD.



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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