ProSci LLC
12170 Flint Place
Poway, CA 92064, USA
ProSciAntibodies.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

CustomerCare@ProSciAntibodies.com
ITSupport@ProSciAntibodies.com

calbindin D28 Antibody

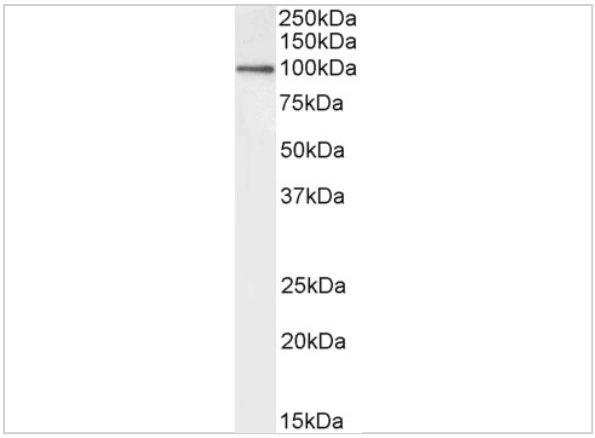
CATALOG NUMBER: 43-170

Specifications

Host Species	Goat
Species Reactivity	Human, Mouse, Rat
Homology	Expected Species Reactivity based on sequence homology: Dog, Pig, Cow
Immunogen	The immunogen for this antibody is: C-KTFVDQYGQRDDGK
Conjugate	Unconjugated
Tested Applications	ELISA, IHC, WB
Specificity	Immunizing peptide overlaps EF hand 2, but not any calcium binding site.
Predicted Molecular Weight	Approx 26kDa

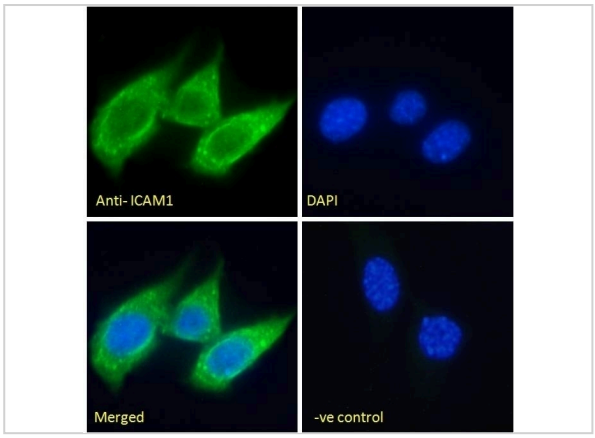
Properties

Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Physical State	Liquid
Buffer	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration	500 ug/mL
Storage Conditions	Aliquot and store at -20°C. Minimize freezing and thawing.



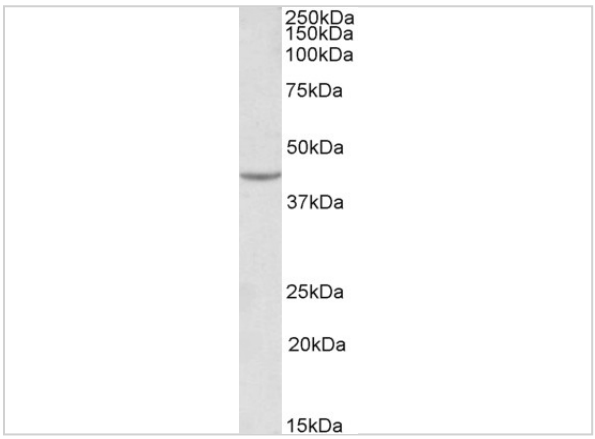
calbindin D28 Antibody 1

43-170 (0.03ug/ml) staining of Human Cerebellum lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



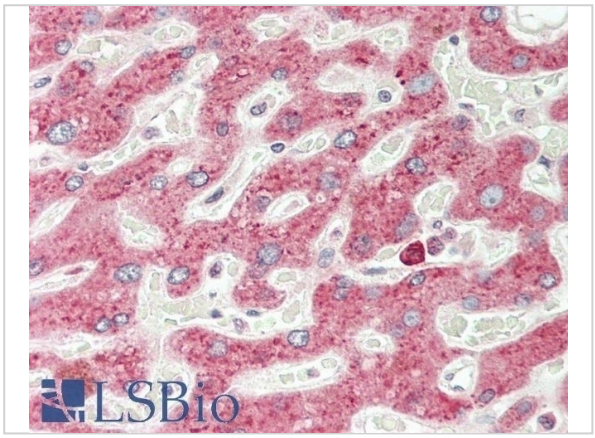
calbindin D28 Antibody 2

43-170 (0.1ug/ml) staining of Mouse (A) and Rat (B) Brain lysates (35ug protein in RIPA buffer). Detected by chemiluminescence.



calbindin D28 Antibody 3

43-170 (0.1ug/ml) staining of PFA-perfused cryosection of Human Hypothalamus. Antigen retrieval with citrate buffer pH 6 at 80C for 30min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplific...



calbindin D28 Antibody 4

43-170 (5ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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