

Rabbit Calretinin Polyclonal Antibody | anti-CALB2 antibody

Calretinin Antibody

CATALOG # AAA327242	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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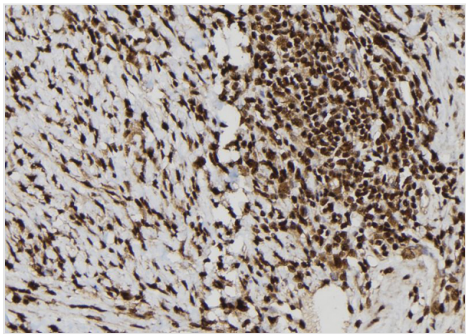
PRODUCT SYNONYMS

Calretinin; Polyclonal Antibody; Calretinin Antibody; 29 kDa calbindin; CAB 29; CAB29; CAL 2; CAL2; CALB 2; CALB2; CALB2_HUMAN; Calbindin 2 29kDa; Calbindin 2; Calbindin D29K; Calbindin2; CR; anti-CALB2 antibody

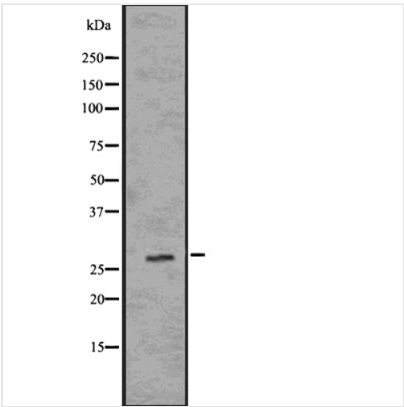
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Calretinin antibody detects endogenous levels of total Calretinin
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-CALB2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Calretinin
Tissue Specificity	Brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327242 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Calretinin using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CALB2 antibody	Function: Calretinin is a calcium-binding protein which is abundant in auditory neurons. Similarity: Belongs to the calbindin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153946409
NCBI GeneID	794
NCBI Accession #	NP_001731.2
NCBI GenBank Nucleotide #	NM_001740.4
UniProt Accession #	P22676; Q53HD2; Q96BK4; A8K4Y1
Molecular Weight	Observed: 29 kDa Predicted: 32 kDa
NCBI Official Full Name	calretinin isoform 1
NCBI Official Synonym Full Names	calbindin 2
NCBI Official Symbol	CALB2
NCBI Official Synonym Symbols	CR; CAL2; CAB29
NCBI Protein Information	calretinin
UniProt Protein Name	Calretinin
UniProt Gene Name	CALB2
UniProt Synonym Gene Names	CAB29; CR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.