

Rabbit anti-Human CALB2 Polyclonal Antibody | anti-CALB2 antibody

CALB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327337	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

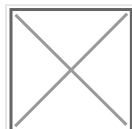
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

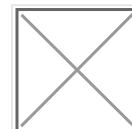
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CALB2 antibody detects endogenous levels of total CALB2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-CALB2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CALB2
Tissue Specificity	Brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (92%), Bovine (92%), Horse (100%), Sheep (92%), Rabbit (92%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327337 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of CALB2 using RAW264.7 whole 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: 31 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/calb2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327337>