

Rabbit CALB2 Polyclonal Antibody | anti-CALB2 antibody

CALB2 Polyclonal Antibody

CATALOG # AAA175720	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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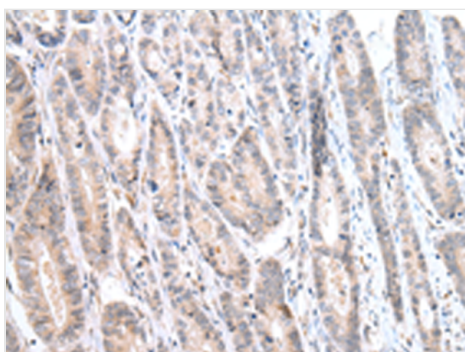
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

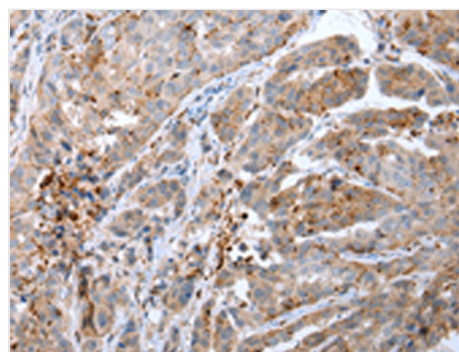
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	87
Applicable Applications for anti-CALB2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human CALB2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



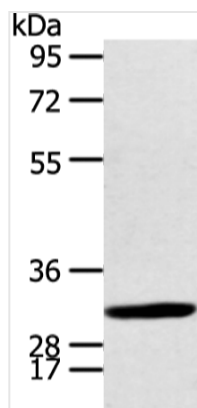
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CALB2 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CALB2 Polyclonal Antibody at dilution of 1:25(×200)



WB (Western Blot)

Western blot analysis of Human fetal brain tissue using CALB2 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-CALB2 antibody	CALB2 (Calbindin 2) is a Protein Coding gene. Diseases associated with CALB2 include Adenofibroma and Adenomatoid Tumor. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is CALB1. This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CALB2 antibody	Cancer; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	825634
NCBI GeneID	794
UniProt Accession #	P22676
Molecular Weight	32 kDa
NCBI Official Full Name	calretinin, partial
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
UniProt Entry Name	CALB2_HUMAN

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-immunohistochemistry-western-blot-elisa/175720>