

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

Anti-CALB2 Antibody, Rabbit Polyclonal

CATALOG # AAA254695	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

CALB2; Polyclonal Antibody; Anti-CALB2 Antibody; Rabbit Polyclonal; CALB2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CAB29 Antibody; Anti-CAL2 Antibody; Anti-Calretinin Antibody; Anti-CR Antibody; anti-CALB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CALB2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CALB2 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human CALB2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human CALB2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human CALB2 in rat brain with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CALB2 in human brain with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CALB2 antibody	Calretinin (CALB2) is a member of the EF-hand family of Ca(2+)-binding proteins and is expressed in a majority of poorly differentiated colon carcinoma and additionally in mesothelioma of the epithelioid and mixed type. Calretinin (CALB2) is a marker for epithelioid mesothelioma. It is also a prognostic marker since patients with tumors expressing high calretinin levels have better overall survival. Silencing of calretinin decreases the viability of epithelioid mesothelioma cells. The calcium-binding protein calretinin (CALB2) is currently considered the most sensitive and specific marker for the identification of malignant mesothelioma (MM). Calretinin (CALB2) is a and prognostic marker in malignant pleural mesothelioma (MPM).
Product Categories/Family for anti-CALB2 antibody	Calcium-binding Proteins and Related Molecules
References	Kresoja-Rakic J, et al. (2016) Identification of cis-and trans-acting elements regulating calretinin expression in mesothelioma cells. Oncotarget 7 (16): 21272-21286.Haner K, et al. (2010) A bipartite butyrate-responsive element in the human calretinin (calb2) promoter acts as a repressor in colon carcinoma cells but not in mesothelioma cells. J Cell Biochem 109 (3): 519-531.Blum W, et al. (2018) Regulation of calretinin in malignant mesothelioma is mediated by septin 7 binding to the calb2 promoter. BMC Cancer 18 (1): 475.

NCBI AND UNIPROT INFORMATION

NCBI GI #	825634
UniProt Accession #	P22676; Q53HD2; Q96BK4; A8K4Y1
Molecular Weight	31,540 Da
NCBI Official Full Name	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-elisa/254695>