

Mouse Calbindin-D Monoclonal Antibody | anti-CALB1 antibody

Anti-Calbindin-D antibody (monoclonal)

CATALOG # AAA44900	HOST Mouse	REACTIVITY Human, Mouse, Rat, Bovine	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Calbindin-D; Monoclonal Antibody; Anti-Calbindin-D antibody (monoclonal); Calbindin; calbindin 1; 28kDa; CALB; D-28K; CALBINDIN; 28-KD; Calbindin D28; Vitamin D-dependent calcium-binding protein; avian-type; anti-CALB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CB-D7
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	261
Applicable Applications for anti-CALB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Bovine kidney calbindin-D
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

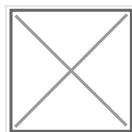
IMAGES



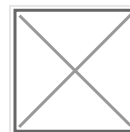
IHC (Immunohistochemistry)
Anti-Calbindin-D antibody (monoclonal), AAA44900, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti-Calbindin-D antibody (monoclonal), AAA44900, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti-Calbindin-D antibody (monoclonal), AAA44900, IHC(P)IHC(P): Rat Kidney Tissue



IHC (Immunohistochemistry)
Anti-Calbindin-D antibody (monoclonal), AAA44900, IHC(P)IHC(P): Mouse Kidney Tissue



WB (Western Blot)

Anti-Calbindin-D antibody (monoclonal), AAA44900, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Rat Brain Tissue Lysate
Lane 3: Rat Kidney Tissue Lysate
Lane 4: Rat Lung Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CALB1 antibody

Description: Mouse IgG monoclonal antibody for Calbindin-D, calbindin 1, 28kDa (CALB1) detection. Tested with WB, IHC-P in Human, mouse, rat, bovine. No cross reactivity with other proteins. Uniprot ID: P05937
Background: The human calbindin D28k(CALB1) is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. Parmentier et al.(1991) mapped the CALB1 gene to 8q21.3-q22.1 by in situ hybridization.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115394
NCBI GeneID	793
UniProt Accession #	P05937; B2R696; B7Z9J4
Molecular Weight	23,609 Da
NCBI Official Full Name	Calbindin
NCBI Official Synonym Full Names	calbindin 1, 28kDa
NCBI Official Symbol	CALB1
NCBI Official Synonym Symbols	CALB
NCBI Protein Information	calbindin; D-28K; calbindin D28; RTVL-H protein; calbindin 1, (28kD); vitamin D-dependent calcium-binding protein, avian-type
UniProt Protein Name	Calbindin
UniProt Gene Name	CALB1
UniProt Synonym Gene Names	CAB27
UniProt Entry Name	CALB1_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/monoclonal/calbindin-d-antibody-clone-cb-d7-immunohistochemistry-western-blot-elisa/44900>