

Goat calbindin D28 Antibody | anti-CALB1 antibody

Goat anti-calbindin D28 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61672	Goat	Tested: Human, Mouse, Rat Expected from sequence similarity: Human, Rat, Dog, Pig, Cow	Immunohistochemistry, Western Blot, ELISA

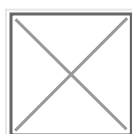
PRODUCT SYNONYMS

calbindin D28; Goat anti-calbindin D28 Antibody; CALB; CALB1; calbindin; calbindin 1; (28kD); 28kDa; D-28K; OTTHUMP00000166027; OTTHUMP00000225441; RTVL-H protein; vitamin D-dependent calcium-binding protein; avian-type; anti-CALB1 antibody

PRODUCT SPECIFICATIONS

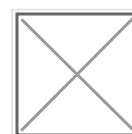
Host	Goat
Reactivity	Tested: Human, Mouse, Rat Expected from sequence similarity: Human, Rat, Dog, Pig, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Applicable Applications for anti-CALB1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KTFVDQYQRDDGK, from the internal region of the protein sequence according to NP_004920.1.
Important Comments	Immunizing peptide overlaps EF hand 2, but not any calcium binding site.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



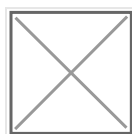
IHC (Immunohistochemistry)

AAA61672 (5ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



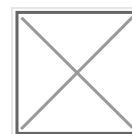
IHC (Immunohistochemistry)

AAA61672 (0.1ug/ml) staining of PFA-perfused cryosection of Human Hypothalamus. Antigen retrieval with citrate buffer pH 6 at 80C for 30min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp, Med., Budapest, Hungary.



WB (Western Blot)

AAA61672 (0.1ug/ml) staining of Mouse (A) and Rat (B) Brain lysates (35ug protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

AAA61672 (0.03ug/ml) staining of Human Cerebellum lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826655
-----------	---------

NCBI GeneID	793
NCBI Accession #	NP_004920.1
NCBI GenBank Nucleotide #	NM_004929.3
NCBI Official Full Name	calbindin
NCBI Official Synonym Full Names	calbindin 1
NCBI Official Symbol	CALB1
NCBI Official Synonym Symbols	CALB; D-28K
NCBI Protein Information	calbindin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/goat-calb1-cow-dog-human-mouse-pig-rat-antibody/calbindin-d28/61672>