

## Rabbit CALB1 Polyclonal Antibody | anti-CALB1 antibody

CALB1 antibody - C-terminal region

| CATALOG # | HOST   | REACTIVITY                                             | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------|------------------------------------|
| AAA23590  | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat | Immunohistochemistry, Western Blot |

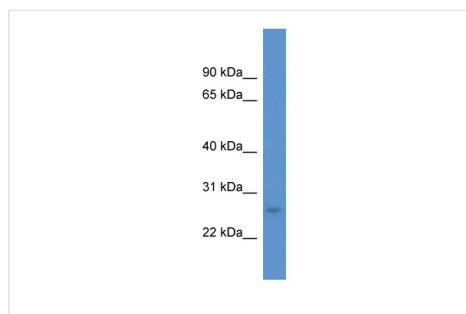
### PRODUCT SYNONYMS

CALB1; Polyclonal Antibody; CALB1 antibody - C-terminal region; anti-CALB1 antibody

### PRODUCT SPECIFICATIONS

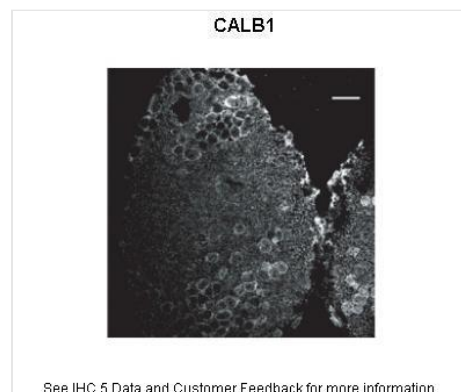
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: EF NKAFLYDQD GNGYIDENEL DALLKDLCEK NKQDLINNITTYKKNIM                                                     |
| Sequence Length                                 | 261                                                                                                                                                   |
| Applicable Applications for anti-CALB1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                        | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%                                                 |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the C terminal region of human CALB1                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



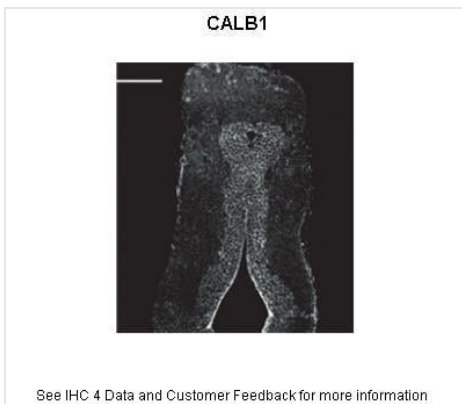
#### WB (Western Blot)

Sample Type: Human COLO205  
CALB1 antibody - C-terminal region validated by WB using COLO205 cells lysate at 1ug/ml.



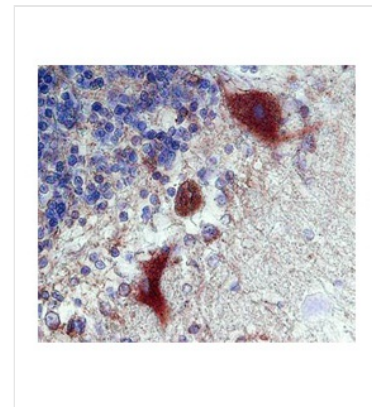
#### IHC (Immunohistochemistry)

Primary Antibody Dilution :1:500  
Secondary Antibody :Donkey anti-rabbit Alexa 488  
Secondary Antibody Dilution :1:500  
Gene Name :CALB1  
Submitted by :Anonymous



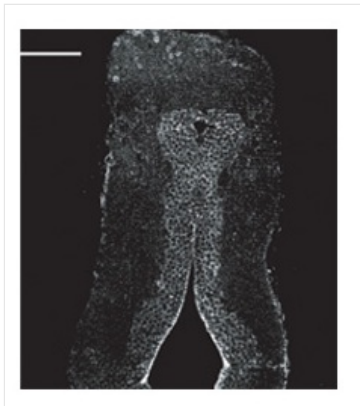
#### IHC (Immunohistochemistry)

Primary Antibody Dilution :1:500Secondary Antibody :Donkey anti-rabbit Alexa 488Secondary Antibody Dilution :1:500Gene Name :CALB1Submitted by :Anonymous



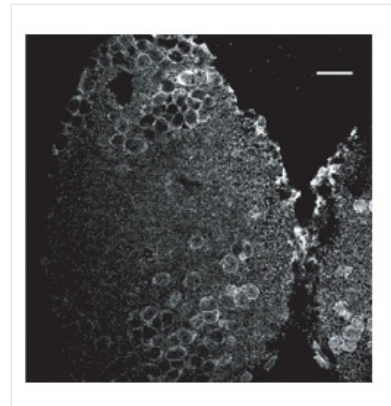
#### IHC (Immunohistochemistry)

Sample Type: human purkinje fibersCALB1 Antibody tested in Purkinje neurons in human cerebellum> Calbindin 1 was detected using HRP/DAB brown color stain.



#### IHC (Immunohistochemistry)

Sample Type: TadpoleSpecies+tissue/cell type: Tadpole forebrain horizontal sectionPrimary antibody dilution: 1:500Secondary antibody: Donkey anti-rabbit Alexa 488Secondary antibody dilution: 1:500



#### IHC (Immunohistochemistry)

Sample Type: TadpoleApplication: IHCSpecies+tissue/cell type: Tadpole tegmenta horizontal sectionPrimary antibody dilution: 1:500Secondary antibody: Donkey anti-rabbit Alexa 488Secondary antibody dilution: 1:500

## ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CALB1 antibody | <p>This is a rabbit polyclonal antibody against CALB1. It was validated on Western Blot</p> <p>Target Description: Calbindin 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. In the brain, its synthesis is independent of vitamin-D-derived hormones. Calbindin contains 4 active calcium-binding domains, and 2 modified domains that presumably have lost their calcium-binding capacity. The neurons in brains of patients with Huntington disease are calbindin-depleted.</p> |
| Product Categories/Family for anti-CALB1 antibody   | <p><a href="#">Polyclonal</a>; <a href="#">Neurobiology</a>; <a href="#">Disease Related</a>; <a href="#">Immunohistochemistry</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## NCBI AND UNIPROT INFORMATION

|                           |                           |
|---------------------------|---------------------------|
| NCBI GI #                 | <a href="#">4826655</a>   |
| NCBI GeneID               | <a href="#">793</a>       |
| NCBI Accession #          | <a href="#">NP_004920</a> |
| NCBI GenBank Nucleotide # | <a href="#">NM_004929</a> |
| UniProt Accession #       | <a href="#">P05937</a>    |
| Molecular Weight          | 30kDa                     |
| NCBI Official Full Name   | calbindin isoform 1       |

|                                  |              |
|----------------------------------|--------------|
| 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                | <b>CALB1</b> |
| 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://www.aaabiotech.com/polyclonal/calb1-antibody-immunohistochemistry-western-blot-elisa/23590>