

## Rabbit CALB1 Polyclonal Antibody | anti-CALB1 antibody

CALB1 Antibody (Center)

| CATALOG # | HOST   | REACTIVITY                                       | APPLICATIONS                              |
|-----------|--------|--------------------------------------------------|-------------------------------------------|
| AAA284473 | Rabbit | Human, rat (Predicted Reactivity: Bovine, Mouse) | Western Blot, Immunohistochemistry, ELISA |

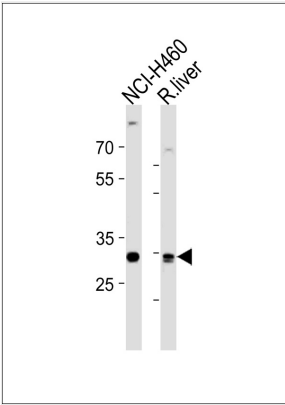
### PRODUCT SYNONYMS

CALB1; Polyclonal Antibody; CALB1 Antibody (Center); Calbindin; Calbindin D28; D-28K; Vitamin D-dependent calcium-binding protein; avian-type; CAB27; anti-CALB1 antibody

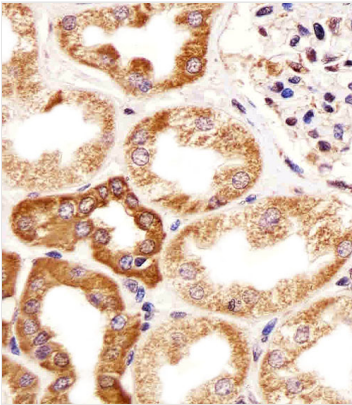
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, rat (Predicted Reactivity: Bovine, Mouse)                                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This CALB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-116 amino acids from the Central region of human CALB1.           |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.38 (varies by lot)                                                                                                                                     |
| Sequence Positions                              | 90-116                                                                                                                                                                       |
| Sequence Length                                 | 204                                                                                                                                                                          |
| Applicable Applications for anti-CALB1 antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Crown Antibody                                  | Yes                                                                                                                                                                          |
| Antigen Source                                  | Human                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
CALB1 Antibody (Center) western blot analysis in NCI-H460 cell line and rat liver tissue lysates (35ug/lane).This demonstrates the CALB1 antibody detected the CALB1 protein (arrow).



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded H. kidney section using CALB1 Antibody (Center). AAA284473 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CALB1 antibody | Buffers cytosolic calcium. May stimulate a membrane Ca(2+)-ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.                                                                                                                                                                        |
| Product Categories/Family for anti-CALB1 antibody   | Crown Antibodies; Neuroscience                                                                                                                                                                                                                                                            |
| References                                          | Parmentier M., et al. Eur. J. Biochem. 170:207-215(1987).<br>Ota T., et al. Nat. Genet. 36:40-45(2004).<br>Nusbaum C., et al. Nature 439:331-335(2006).<br>Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.<br>Parmentier M., et al. Genomics 4:309-319(1989). |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 4826655                |
| NCBI GeneID                      | 793                    |
| NCBI Accession #                 | NP_004920.1            |
| NCBI GenBank Nucleotide #        | NM_004929.3            |
| UniProt Accession #              | P05937; B2R696; B7Z9J4 |
| Molecular Weight                 | 30025                  |
| NCBI Official Full Name          | calbindin              |
| NCBI Official Synonym Full Names | calbindin 1, 28kDa     |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/calb1-antibody-western-blot-immunohistochemistry-elisa/284473>