

CALB1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20497c

Specification

CALB1 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P05937
Other Accession	P07171 , P12658 , P04467
Reactivity	Human, Rat
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30025
Antigen Region	90-116

CALB1 Antibody (Center) - Additional Information

Gene ID 793

Other Names

Calbindin, Calbindin D28, D-28K, Vitamin D-dependent calcium-binding protein, avian-type, CALB1, CAB27

Target/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.

Dilution

WB~~1:1000

IHC-P~~1:25

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CALB1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CALB1 Antibody (Center) - Protein Information

Name CALB1

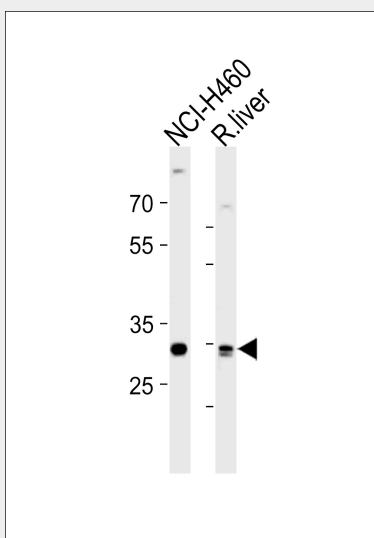
Synonyms CAB27

Function Buffers cytosolic calcium. May stimulate a membrane $\text{Ca}(2+)$ -ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.

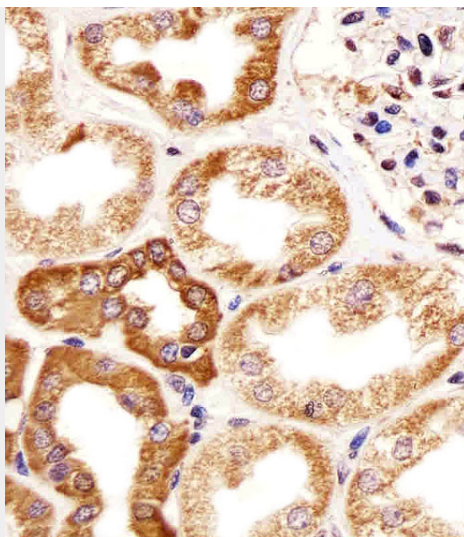
CALB1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CALB1 Antibody (Center) - Images

CALB1 Antibody (Center) (Cat. #AP20497c) 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).



Immunohistochemical analysis of paraffin-embedded H. kidney section using CALB1 Antibody (Center)(Cat#AP20497C). AP20497C was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

CALB1 Antibody (Center) - Background

Buffers cytosolic calcium. May stimulate a membrane $\text{Ca}(2+)$ -ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.

CALB1 Antibody (Center) - References

Parmentier M., et al. Eur. J. Biochem. 170:207-215(1987).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Nusbaum C., et al. Nature 439:331-335(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Parmentier M., et al. Genomics 4:309-319(1989).