

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 Ig
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

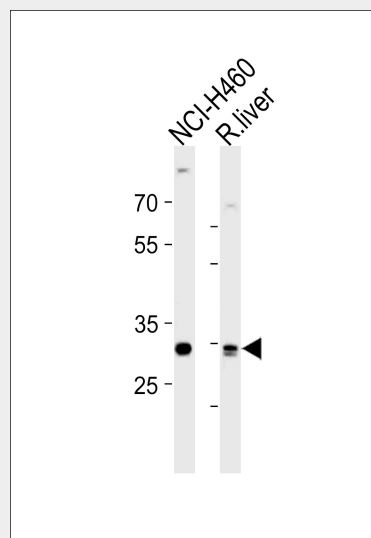
IHC-P~~1:25

Format

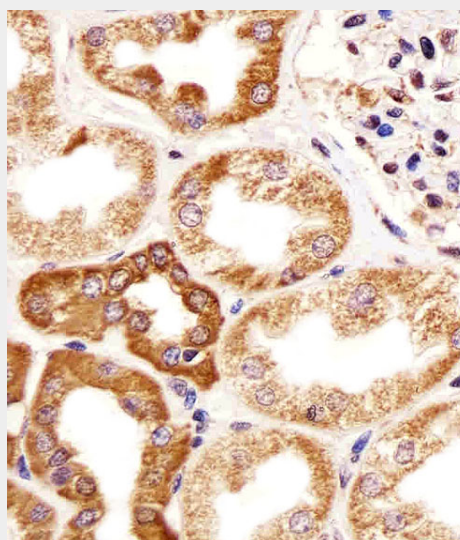
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.



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,

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](#)

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).