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CALB1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20497c

Product Information

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

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	CALB1
Synonyms	CAB27
Function	Buffers cytosolic calcium. May stimulate a membrane Ca(2+)- ATPase and a

3',5'-cyclic nucleotide phosphodiesterase.

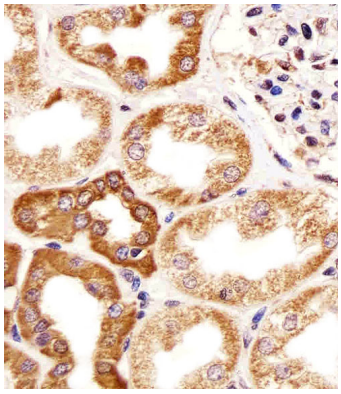
Background

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

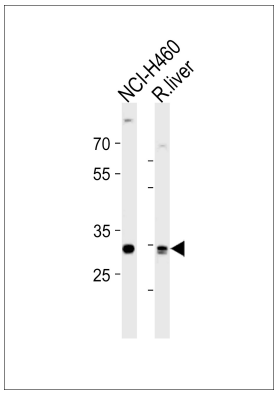
References

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).

Images



Immunohistochemical analysis of paraffin-embedded H. kideny 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) (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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.