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CKAP4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12379b

Product Information

Application	IHC-P, WB, E
Primary Accession	Q07065
Other Accession	NP_006816.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31301
Calculated MW	66022
Antigen Region	574-602

Additional Information

Gene ID	10970
Other Names	Cytoskeleton-associated protein 4, 63-kDa cytoskeleton-linking membrane protein, Climp-63, p63, CKAP4
Target/Specificity	This CKAP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 574-602 amino acids from the C-terminal region of human CKAP4.
Dilution	IHC-P~~1:100~500 WB~~1:1000 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	CKAP4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CKAP4
Function	Mediates the anchoring of the endoplasmic reticulum to microtubules.

Cellular Location	Endoplasmic reticulum membrane; Single-pass type II membrane protein. Cell membrane; Single-pass type II membrane protein Cytoplasm, cytoskeleton. Cytoplasm, perinuclear region Note=Translocates to the perinuclear region upon APF-stimulation

Background

CKAP4 is a substrate of DHHC2, a putative tumor suppressor. CK MNF116 and CKAP4 were useful in identifying squamous cell carcinomas with single cell infiltration. These results suggest a role for CKAP4 in tumor.

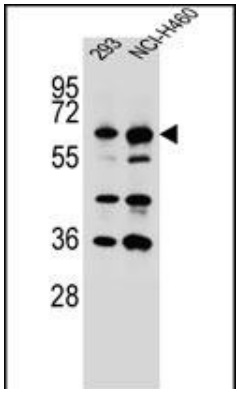
References

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Tomkova, H., et al. Eur J Dermatol 20(3):411-413(2010)
Lefkimmiatis, K., et al. Cancer Res. 69(22):8563-8571(2009)
Planey, S.L., et al. Mol. Biol. Cell 20(5):1454-1463(2009)
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Images



CKAP4 Antibody (C-term) (Cat. #AP12379b)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CKAP4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CKAP4 Antibody (C-term) (Cat. #AP12379b) western blot analysis in 293,NCI-H460 cell line lysates (35ug/lane).This demonstrates the CKAP4 antibody detected the CKAP4 protein (arrow).

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