

**CKAP4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12379b**

**Specification**

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**CKAP4 Antibody (C-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q07065</a>
Other Accession	<a href="#">NP_006816.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	66022
Antigen Region	574-602

**CKAP4 Antibody (C-term) - 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**

WB~~1:1000  
IHC-P~~1:10~50

**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.

**CKAP4 Antibody (C-term) - Protein Information**

**Name** CKAP4

**Function** Mediates the anchoring of the endoplasmic reticulum to microtubules.

**Cellular Location**

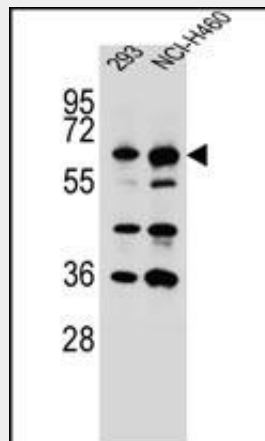
Endoplasmic reticulum membrane; Single-pass type II membrane protein. Cell membrane; Single-pass type II membrane protein Cytoplasm, cytoskeleton. Cytoplasm, perinuclear region  
Note=Translocates to the perinuclear region upon APF-stimulation

**CKAP4 Antibody (C-term) - Protocols**

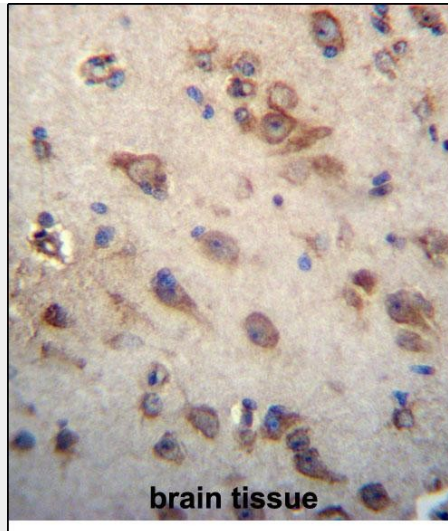
Provided below are standard protocols that you may find useful for product applications.

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

**CKAP4 Antibody (C-term) - Images**



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).



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) - 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.

#### **CKAP4 Antibody (C-term) - References**

- Kanner, W.A., et al. J. Cutan. Pathol. 37(7):744-750(2010)
- Tomkova, H., et al. Eur J Dermatol 20(3):411-413(2010)
- Lefkimiatis, K., et al. Cancer Res. 69(22):8563-8571(2009)
- Planey, S.L., et al. Mol. Biol. Cell 20(5):1454-1463(2009)
- Bates, S.R., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 295 (4), L658-L669 (2008) :