

CKAP2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14743**Specification**

CKAP2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8WWK9
Other Accession	NM_001098525 , NP_001091995
Reactivity	Human, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Pig, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 77kDa KDa

CKAP2 antibody - C-terminal region - Additional Information**Gene ID** 26586**Alias Symbol** **DKFZp686L1238, FLJ10749, LB1, TMAP, se20-10****Other Names**

Cytoskeleton-associated protein 2, CTCL tumor antigen se20-10, Tumor- and microtubule-associated protein, CKAP2 (HGNC:1990)

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CKAP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CKAP2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CKAP2 antibody - C-terminal region - Protein Information**Name** CKAP2 ([HGNC:1990](#))**Function**

Possesses microtubule stabilizing properties. Involved in regulating aneuploidy, cell cycling, and cell death in a p53/TP53- dependent manner (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=Contrary to the ectopically expressed protein, endogenous CKAP2 does not colocalize with microtubules in G1, S and early G2. At late G2 and prophase after separation of duplicated centrosomes, colocalizes with gamma-tubulin and centrosome-proximal microtubules. From prometaphase through anaphase B, colocalizes with mitotic spindle poles and spindle microtubules. During cytokinesis, absent from midbody microtubules

Tissue Location

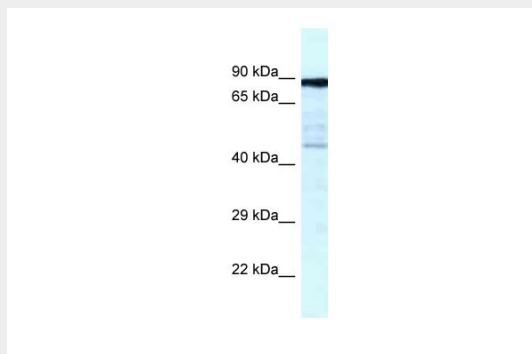
Abundant in testis, thymus, and in tumor derived cell lines, while barely detectable in liver, prostate, and kidney

CKAP2 antibody - C-terminal region - 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](#)

CKAP2 antibody - C-terminal region - Images



WB Suggested Anti-CKAP2 Antibody Titration: 1.0 µg/ml

Positive Control: Fetal Lung

CKAP2 antibody - C-terminal region - References

- Maouche-Chretien L., et al. Oncogene 17:1245-1251(1998).
Udina I.G., et al. Genetika 37:120-123(2001).
Bae C.-D., et al. J. Cancer Res. Clin. Oncol. 129:621-630(2003).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).