Rabbit anti-Human CKAP2 Polyclonal Antibody | anti-CKAP2 antibody

Anti-CKAP2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256137	**Rabbit**	**Human**	**Immunofluorescence, Immunocytochemistry, Western Blot**

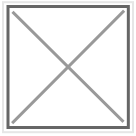
PRODUCT SYNONYMS

CKAP2; Polyclonal Antibody; Anti-CKAP2 Antibody; Rabbit Polyclonal; CKAP2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-LB1 Antibody; Anti-se20-10 Antibody; Anti-TMAP Antibody; anti-CKAP2 antibody

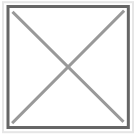
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CKAP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CKAP2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human CKAP2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CKAP2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of CKAP2 in U2OS cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human CKAP2 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.



WB (Western Blot)
Anti-CKAP2 rabbit polyclonal antibody at 1:500 dilutionLane A: HeLa Whole Cell LysateLane B: U-251 MG Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:77 kDaObserved band size:77 kDa(We are unsure as to the identity of these extra bands.

ADDITIONAL INFORMATION

Related Product Information for anti-CKAP2 antibody	Tumor-associated microtubule-associated protein (TMAP), also known as cytoskeleton associated protein 2 (CKAP2), is a novel mitotic spindle-associated protein which is frequently up-regulated in various malignance. CKAP2 is involved in the maintenance of microtubule nucleation sites, focusing microtubule minus ends to the spindle poles in early mitosis, and is implicated in maintaining genome stability. CKAP2 is essential for proper chromosome segregation and for maintaining genomic stability. CKAP2 may be associated with tumor growth and could serve as an independent prognostic factor, particularly in patients with high-grade glioma (HGG).
References	Yoo BH, et al. (2017) Ckap2 phosphorylation by cdk1/cyclinb1 is crucial for maintaining centrosome integrity. Exp Mol Med 49 (7): e354.Wang K, et al. (2018) Ckap2 expression is associated with glioma tumor growth and acts as a prognostic factor in high-grade glioma. Oncol Rep 40 (4): 2036-2046.Hong KU, et al. (2009) Tmap/ckap2 is essential for proper chromosome segregation. Cell Cycle 8 (2): 314-324.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ckap2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/256137