

Rabbit anti-Human CKAP1/TBCB Polyclonal Antibody | anti-TBCB antibody

Anti-CKAP1/TBCB Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256075	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

CKAP1/TBCB; Polyclonal Antibody; Anti-CKAP1/TBCB Antibody; Rabbit Polyclonal; CKAP1/TBCB Antibody; Rabbit PAb; Antigen Affinity Purified; tubulin folding cofactor B; Anti-CG22 Antibody; Anti-CKAP1 Antibody; Anti-CKAPI Antibody; anti-TBCB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CKAP1/TBCB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TBCB antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human CKAP1/TBCB fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CKAP1/TBCB 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



IP (Immunoprecipitation)

TBCB was immunoprecipitated using: Lane A: 0.5 mg H1299 Whole Cell Lysate 4 uL anti-TBCB rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-TBCB rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 34 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of TBCB in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human TBCB polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm and cell membrane.



WB (Western Blot)

Anti-TBCB rabbit polyclonal antibody at 1:500 dilution
Lane A: HeLa Whole Cell Lysate
Lane B: A431 Whole Cell Lysate
Lane C: H1299 Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 27 kDa
Observed band size: 34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TBCB antibody	Tubulin-folding cofactor B, also known as TBCB, belongs to the TBCB family. It contains 1 CAP-Gly domain and can be detected in most tissues. TBCB binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway. The cytoskeleton is composed of 3 structural elements: actin filaments, microtubules, and intermediate filaments. TBCB is involved in regulation of tubulin heterodimer dissociation. It may function as a negative regulator of axonal growth.
References	Feingold EA, et al. (2003) Generation and initial analysis of more than 15, 000 full-length human and mouse cDNA sequences. Proc Natl Acad Sci. 99(26):16899-903. Tian G, et al. (1997) Tubulin subunits exist in an activated conformational state generated and maintained by protein cofactors. J Cell Biol. 138(4):821-32. Wolz W, et al. (1997) A complex satellite DNA polymorphism flanking the human ryanodine receptor gene (RYR1). Cytogenet Cell Genet. 72(2-3):215-6.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ckap1-tbcb-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/256075>