

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

Anti-CKAP1/TBCB Antibody, Rabbit Polyclonal

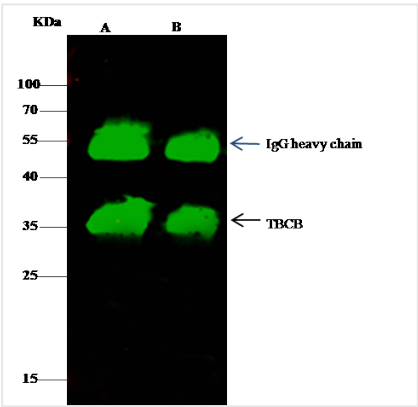
CATALOG # AAA255737	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

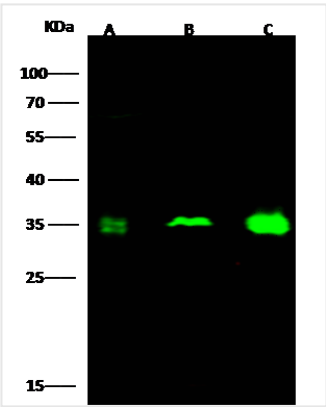
CKAP1/TBCB; Polyclonal Antibody; Anti-CKAP1/TBCB Antibody; Rabbit Polyclonal; TBCB Antibody; Rabbit PAb; Antigen Affinity Purified; tubulin folding cofactor B; Anti-CG22 Antibody; Anti-CKAP1 Antibody; Anti-CKAPI Antibody; anti-TBCB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CKAP1/TBCB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TBCB antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human TBCB protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human TBCB (rh TBCB). TBCB specific IgG was purified by Human TBCB 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. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
TBCB was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate; Lane B: 0.5 mg HuT78 Whole Cell Lysate; 2 μ L anti-TBCB rabbit polyclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-TBCB rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa. Observed band size: 35 kDa.



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: NCI-H1299 Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 27 kDa. Observed band size: 35 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3023518
NCBI GeneID	1155
UniProt Accession #	Q99426; O00111; O00674; O14728; Q6FGY5
Molecular Weight	244
NCBI Official Full Name	Tubulin-folding cofactor B
NCBI Official Synonym Full Names	tubulin folding cofactor B
NCBI Official Symbol	TBCB
NCBI Official Synonym Symbols	CG22; CKAP1; CKAPI
NCBI Protein Information	tubulin-folding cofactor B; tubulin-specific chaperone B; cytoskeleton associated protein 1; cytoskeleton-associated protein CKAPI
UniProt Protein Name	Tubulin-folding cofactor B
UniProt Gene Name	TBCB
UniProt Synonym Gene Names	CG22; CKAP1
UniProt Entry Name	TBCB_HUMAN

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://www.aaabiotech.com/polyclonal/ckap1-tbcb-antibody-immunoprecipitation-western-blot-elisa/255737>