

Rabbit anti-Human Tubulin cofactor A Polyclonal Antibody | anti-TBCA antibody

Anti-Tubulin cofactor A Antibody, Rabbit Polyclonal

CATALOG # AAA256074	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

Tubulin cofactor A; Polyclonal Antibody; Anti-Tubulin cofactor A Antibody; Rabbit Polyclonal; TBCA Antibody; Rabbit PAb; Antigen Affinity Purified; tubulin folding cofactor A; anti-TBCA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TBCA
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TBCA antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TBCA fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TBCA 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 TBCA in U2OS 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 TBCA 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 Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human TBCA in human skeletal muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TBCA in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TBCA antibody	Tubulin folding cofactor A belongs to the TBCA family. It is one of four proteins (cofactors A, D, E, and C) involved in the early step of the tubulin folding pathway. These proteins can fold intermediates and finally lead to correctly folded beta-tubulin. It is believed that tubulin folding cofactors A and D play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Tubulin folding cofactor E binds to the cofactor D/beta-tubulin complex; interaction with tubulin folding cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state.
References	Strausberg RL, et al. (2002) Generation and initial analysis of more than 15, 000 full-length human and mouse cDNA sequences. Proc Natl Acad Sci. 99(26):16899-903.Irwin DM, et al. (2003) Molecular evolution of vertebrate goose-type lysozyme genes. J Mol Evol. 56(2):234-42.Sklar P, et al. (2011) Large-scale genome-wide association analysis of bipolar disorder identifies a new susceptibility locus near ODZ4. Nat Genet. 43(10):977-83.

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/tubulin-cofactor-a-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256074>