Datasheet for ABIN1392898

anti-TBCB antibody (AA 1-100) (Alexa Fluor 488)

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Overview

Quantity:	100 µL
Target:	TBCB
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBCB antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CKAP1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TBCB
Alternative Name:	CKAP1/TBCB (TBCB Products)
Background:	Synonyms: CG22, CKAPI, Cytoskeleton associated protein 1, Cytoskeleton associated protein

Target Details

	CKAPI, Cytoskeleton-associated protein 1, Cytoskeleton-associated protein CKAPI, TBCB, TBCB_HUMAN, Tubulin folding cofactor B, Tubulin specic chaperone B, Tubulin-folding cofactor B, Tubulin-specic chaperone B. Background: Microtubules, the primary component of the cytoskeletal network, are highly dynamic structures composed of Alpha/Beta Tubulin heterodimers. Biosynthesis of functional microtubules involve the participation of several chaperones, termed Tubulin folding cofactors A (TBCA), B (TBCB), D (TBCD), E (TBCE) and C (TBCC), that act on folding intermediates downstream of the cytosolic chaperon, alternatively named TCP. TBCB (tubulin folding cofactor B), also known as CG22, CKAP1 or CKAPI, is a 244 amino acid cytoplasmic protein containing one CAP-Gly domain and in widely expressed. TBCB is involved in the regulation of tubulin heterodimer dissociation and may function as a negative regulator of axonal growth.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months