TBCB Polyclonal Antibody

Catalog Number: E-AB-64516



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human TBCB (NP_001272.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applications	Recommended Dilution
IHC	1:50-1:200
Data	

Immunohistochemistry of paraffin-embedded Rat brain using TBCB Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human esophageal cancer using TBCB Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human placenta using TBCB Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using TBCB Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse heart using TBCB Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only

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Toll-free: 1-888-852-8623 Web: <u>www.elabscience.com</u> Tel: 1-832-243-6086 Email: <u>techsupport@elabscience.com</u>

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Preparation & Storage

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Background

Microtubules, the primary component of the cytoskeletal network, are highly dynamic structures composed of α/β 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.

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