

TBCD Rabbit pAb

CatalogNo: YT6655

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 131kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human TBCD AA range: 419-469

Specificity

This antibody detects endogenous levels of TBCD at Human/Mouse

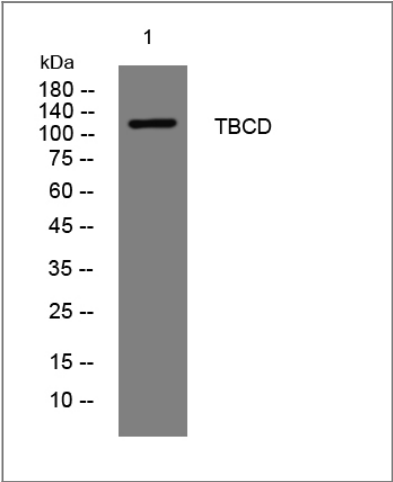
Target Information

Gene name

TBCD KIAA0988 SSD1 TFCD PP1096

Protein Name	TBCD		
	Organism	Gene ID	UniProt ID
	Human	6904;	Q9BTW9;
	Mouse	108903;	Q8BYA0;
Cellular Localization	Cell junction, tight junction . Lateral cell membrane . Cytoplasm . Cell junction, adherens junction . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Localized in cell-cell contacts. .		
Tissue specificity	Ubiquitously expressed.		
Function	Function:Tubulin-folding protein; involved in the first step of the tubulin folding pathway. Modulates microtubule dynamics by capturing GTP-bound beta-tubulin (TUBB).,induction:Down-regulated by shear stress.,similarity:Belongs to the TBCD family.,similarity:Contains 3 HEAT repeats.,subunit:Supercomplex made of cofactors A to E. Cofactors A and D function by capturing and stabilizing tubulin in a quasi-native conformation. Cofactor E binds to the cofactor D-tubulin complex; interaction with cofactor C then causes the release of tubulin polypeptides that are committed to the native state.,tissue specificity:Ubiquitously expressed.,		

Validation Data



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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