

TBCD7 rabbit pAb

Catalog No :	YT6970
Reactivity :	Human;Mouse
Applications :	WB
Target :	TBCD7
Fields :	>>mTOR signaling pathway
Gene Name :	TBC1D7 HSPC239 TBC7
Protein Name :	TBCD7
Human Gene Id :	51256
Human Swiss Prot No :	Q9P0N9
Mouse Gene Id :	67046
Mouse Swiss Prot No :	Q9D0K0
Immunogen :	Synthesized peptide derived from human TBCD7 AA range: 85-135
Specificity :	This antibody detects endogenous levels of TBCD7 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

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

Molecularweight : 32kD

Background : This gene encodes a member of the TBC-domain containing protein family. The encoded protein functions as a subunit of the tuberous sclerosis TSC1-TSC2 complex which plays a role in the regulation of cellular growth and differentiation. Mutations in this gene have been associated with autosomal recessive megalencephaly. Alternative splicing results in multiple transcript variants. Naturally occurring readthrough transcription occurs between this locus and downstream LOC100130357. [provided by RefSeq, Jan 2016],

Function : function:May act as a GTPase-activating protein for Rab family protein(s)
.,similarity:Contains 1 Rab-GAP TBC domain.,

Subcellular Location : Cytoplasmic vesicle . Localizes in the cytoplasmic vesicles of the endomembrane in association with TSC1-TSC2 complex.

Expression : Highly expressed in heart, and slightly in kidney, liver and placenta.

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