

# TBCD7 rabbit pAb

Cat No.:ES12796

For research use only

## Overview

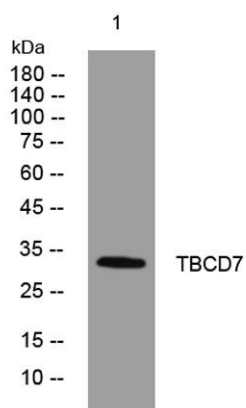
Product Name	TBCD7 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human TBCD7 AA range: 85-135
Specificity	This antibody detects endogenous levels of TBCD7 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	TBCD7
Gene Name	TBC1D7 HSPC239 TBC7
Cellular localization	Cytoplasmic vesicle . Localizes in the cytoplasmic vesicles of the endomembrane in association with TSC1-TSC2 complex.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	51256
Human Swiss-Prot Number	Q9P0N9
Alternative Names	
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





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splicing results in multiple transcript variants.  
Naturally occurring readthrough transcription occurs  
between this locus and downstream LOC100130357.  
[provided by RefSeq, Jan 2016],



Western blot analysis of lysates from DU145 cells, primary  
antibody was diluted at 1:1000, 4° over night



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