

TPC1 rabbit pAb

Cat No.:ES12603

For research use only

Overview

Product Name	TPC1 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human TPC1 AA range: 104-154
Specificity	This antibody detects endogenous levels of TPC1 at Human/Mouse/Rat
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	TPC1
Gene Name	TPCN1 KIAA1169 TPC1
Cellular localization	Lysosome membrane ; Multi-pass membrane protein . Endosome membrane ; Multi-pass membrane protein . Early endosome membrane ; Multi-pass membrane protein . Recycling endosome membrane ; Multi-pass membrane protein .
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	53373
Human Swiss-Prot Number	Q9ULQ1
Alternative Names	
Background	Voltage-gated Ca(2+) and Na+ channels have 4 homologous domains, each containing 6 transmembrane segments, S1 to S6. TPCN1 is similar to these channels, but it has only 2 domains containing S1 to S6 (Ishibashi et al., 2000 [PubMed



10753632)).[supplied by OMIM, Mar 2008],

Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night

