

## 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

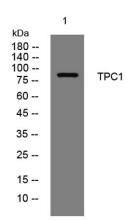
to these channels, but it has only 2 domains

containing S1 to S6 (Ishibashi et al., 2000 [PubMed



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

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

