

[Go to Product page](#)

Datasheet for ABIN350015
anti-TPCN1 antibody (AA 750-800)

Overview

Quantity:	500 µg
Target:	TPCN1
Binding Specificity:	AA 750-800
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPCN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from AA 750-800 of mouse TPC1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and shares 98% identity with human sequence.
Isotype:	IgG
Specificity:	Specific for TPC1.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	TPCN1
Alternative Name:	TPC1 (TPCN1 Products)
Background:	Function: May function as one of the major voltage-gated Ca ²⁺ channel (VDCC) across the plasma membrane. Subcellular location: Membrane, Multi-pass membrane protein. Tissue specificity: Highest expression found in the heart and kidney, and lowest expression found in the spleen.,Alpha Subunit,Two pore calcium channel protein 1, Voltage-dependent calcium channel protein TPC1, TPCN1
UniProt:	Q9EQJ0

Application Details

Application Notes:	IHC, WB (confirmed by recombinant protein). A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months