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Datasheet for ABIN351018 **anti-TPCN2 antibody (AA 700-752)**

Overview

Quantity:	500 µg
Target:	TPCN2
Binding Specificity:	AA 700-752
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPCN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from AA 700-752 of human TPC2 conjugated to blue carrier protein was used as the antigen.
Isotype:	IgG
Specificity:	Specific for TPC2.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	TPCN2
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Target Details

Alternative Name:	TPC2 (TPCN2 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.,Alpha Subunit,Two pore calcium channel protein 2, Voltage-dependent calcium channel protein TPC2, TPCN2
UniProt:	Q8NHX9

Application Details

Application Notes:	IHC, WB. 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