

[Go to Product page](#)

Datasheet for ABIN378581 **anti-TPCN1 antibody (AA 750-800)**

Overview

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

Product Details

Immunogen:	Synthetic peptide from the c-terminal region of mouse TPC1 (Two pore calcium channel protein 1) conjugated to an immunogenic carrier protein. The antigen is homologous in rat and shares 98% identity with human sequence. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Specific for TPC1.
Purification:	Purified

Target Details

Target:	TPCN1
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Target Details

Alternative Name:	TPC1 / TPCN1 (TPCN1 Products)
Background:	Name/Gene ID: TPCN1 Subfamily: Calcium channel - other Family: Ion Channel Synonyms: TPCN1, KIAA1169, Two-pore segment channel 1, TPC1, Two pore segment channel 1, Two-pore channel 1
Gene ID:	53373
UniProt:	Q9ULQ1

Application Details

Application Notes:	Approved: IHC, WB Usage: IHC: Antigen retrieval is essential for use on paraffin sections.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized. Centrifuge to remove any insoluble material
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain lyophilized and reconstituted antibodies at -20°C for long term storage and at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze/thaw cycles.