

Rabbit TPCN2 Polyclonal Antibody | anti-TPCN2 antibody

TPCN2 Antibody BIOTIN-Conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226311	Rabbit	Bovine, Human, Monkey, Mouse, Panda, Rat	Western Blot, ELISA

PRODUCT SYNONYMS

TPCN2; Polyclonal Antibody; TPCN2 Antibody BIOTIN-Conjugated; SHEP10; TPC2; Two pore calcium channel protein 2; Voltage dependent calcium channel protein TPC2 antibody; anti-TPCN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Human, Monkey, Mouse, Panda, Rat
Clonality	Polyclonal
Form/Format	BIOTIN-Conjugated
Concentration	0.55-0.57 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	752
Applicable Applications for anti-TPCN2 antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide corresponding to unique amino acid sequence between TMD4 and TMD5 on TPC2 protein.
Expression	Widely expressed. Expressed at high level in liver and kidney.
Molecular Function	Calcium channel, Ion channel, Voltage-gated channel
Structure	Homodimer (By similarity). Interacts with LRRK2.
Subcellular Location	Lysosome membrane; Multi-pass membrane protein
Preparation and Storage	-20°C for long term storage

ADDITIONAL INFORMATION

Related Product Information for anti-TPCN2 antibody	BIOTIN-Conjugated Two pore calcium channel protein 2 Antibody Nicotinic acid adenine dinucleotide phosphate (NAADP) receptor that may function as one of the major voltage-gated Ca ²⁺ channels (VDCC) across the lysosomal membrane. May be involved in smooth muscle contraction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157502181
NCBI GeneID	219931
NCBI Accession #	NP_620714.2
NCBI GenBank Nucleotide #	NM_139075.3
UniProt Accession #	Q8NHX9; Q9NT82
Molecular Weight	85,243 Da

NCBI Official Full Name	two pore calcium channel protein 2
NCBI Official Synonym Full Names	two pore segment channel 2
NCBI Official Symbol	TPCN2
NCBI Official Synonym Symbols	TPC2; SHEP10
NCBI Protein Information	two pore calcium channel protein 2
UniProt Protein Name	Two pore calcium channel protein 2
UniProt Gene Name	TPCN2
UniProt Synonym Gene Names	TPC2
UniProt Entry Name	TPC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpcn2-antibody-western-blot-elisa/226311>