

Rabbit TPCN2 Polyclonal Antibody | anti-TPCN2 antibody

TPCN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111781	Rabbit	Human (Predicted: Mouse, Rat ; Not yet tested in other species)	Immunohistochemistry, Western Blot, ELISA

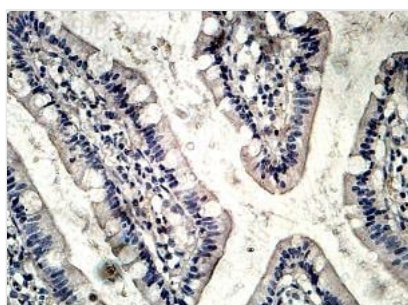
PRODUCT SYNONYMS

TPCN2; Polyclonal Antibody; TPCN2 Antibody; anti-TPCN2 antibody

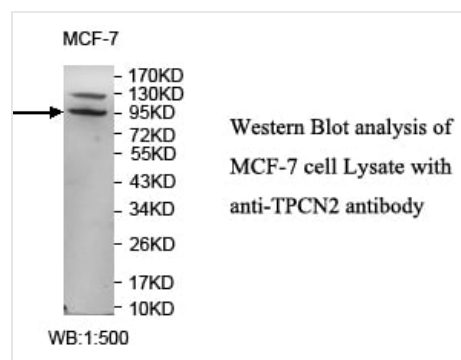
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted: Mouse, Rat ; Not yet tested in other species)
Clonality	Polyclonal
Form/Format	Lyophilized TPCN2 antibody purified by peptide affinity column containing 0.5% BSA and 0.02% NaN ₃ .
Sequence Length	752
Applicable Applications for anti-TPCN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Source Note	Rabbit polyclonal TPCN2 (1) antibody was raised against a peptide from N terminal residues of human TPCN2 protein.
Preparation and Storage	Already reconstituted in 200ul sterile H ₂ O. The antibody is stable for at least one year when stored at -20 degree after reconstitution. Avoid repeated freeze/thaw cycles.

IMAGES



Immunohistochemical staining of formalin-fixed paraffin-embedded fetal small intestine showing cytoplasmic staining with anti-Tpcn2 antibody at a dilution of 1/100.



Application Data

Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-TPCN2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	(1) Pitt, S.J., Funnell, T.M., Sitsapesan, M., et al. TPC2 is a novel NAADP-sensitive Ca ²⁺ release channel, operating as a dual sensor of luminal pH and Ca ²⁺ . J. Biol. Chem. 285 (45), 35039-35046 (2010).

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
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

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://www.aaabiotech.com/polyclonal/tpcn2-antibody-immunohistochemistry-western-blot-elisa/111781>