



# Anti-TPCN2 (N-terminal) polyclonal antibody (DPABH-14039)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide from the N-terminus of Human Two pore calcium channel protein 2 (NM_139075.3).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.20; Constituents: 99% PBS, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">TPCN2 two pore segment channel 3 [ Homo sapiens ]</a>
Official Symbol	TPCN2
Synonyms	TPCN2; two pore segment channel 2; TPC2; SHEP10; two pore calcium channel protein 2; two-pore calcium channel protein 2; voltage-dependent calcium channel protein TPC2;
Entrez Gene ID	<a href="#">219931</a>
Protein Refseq	<a href="#">NP_620714.2</a>
UniProt ID	<a href="#">Q59G56</a>
Pathway	Ion channel transport; Pancreatic secretion; Transmembrane transport of small molecules.
Function	NAADP-sensitive calcium-release channel activity; identical protein binding; protein binding; protein kinase binding