



TPCN2 Antibody

CATALOG NUMBER: 42-190

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:16000. Western Blot: Approximately 30 kDa band in human cerebral cortex, kidney and liver lysates after 0.5 ug/mL antibody staining. The 30 kDa band was successfully blocked by incubation with the immunizing peptide.
IMMUNOGEN:	TPCN2 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of TPCN2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	TPCN2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	TPCN2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TPCN2, two-pore calcium channel protein 2, TPC2, SHEP10, FLJ41094, two pore segment channel 2, TPCN2
ACCESSION NO.:	NP_620714.2
PROTEIN GI NO.:	157502181
OFFICIAL SYMBOL:	TPCN2
GENE ID:	219931

Background

REFERENCES:	1) Calcraft PJ, Ruas M, Pan Z, Cheng X, Arredouani A, Hao X, Tang J, Rietdorf K, Teboul L, Chuang KT, Lin P, Xiao R, Wang C, Zhu Y, Lin Y, Wyatt CN, Parrington J, Ma J, Evans AM, Galione A, Zhu MX. NAADP mobilizes calcium from acidic organelles through two-pore channels. Nature 2009 May 459 (7246): 596-600.
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