



TRPC1 Polyclonal Antibody

Catalog No	YP-Ab-06181
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	TRPC1 TRP1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TRPC1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HTRP 1;Transient receptor protein 1;TRP 1;TRP1;TRPC1;TRPC1 TRP1;Short transient receptor potential channel 1 (TrpC1) (Transient receptor protein 1) (TRP-1)
Observed Band	120 kDa
Calculated Molecular Weight	793 aa, 91 kDa
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	Seems to be ubiquitous.
Function	function:Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Seems to be also activated by intracellular calcium store depletion., similarity:Belongs to the transient receptor family. STrpC subfamily., similarity:Contains 3 ANK repeats.,subunit:Interacts with TRPC3. Interacts with ITPR3. Interacts with MX1 and RNF24.,tissue specificity:Seems to be ubiquitous.,

**Background**

transient receptor potential cation channel subfamily C member 1 (TRPC1)
Homo sapiens The protein encoded by this gene is a membrane protein that can form a non-selective channel permeable to calcium and other cations. The encoded protein appears to be induced to form channels by a receptor tyrosine kinase-activated phosphatidylinositol second messenger system and also by depletion of intracellular calcium stores. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images