



TRPC7 Monoclonal Antibody

Catalog No	YP-mAb-06182
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TRPC7 TRP7
Protein Name	Short transient receptor potential channel 7 (TrpC7) (Transient receptor protein 7) (TRP-7) (hTRP7)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TRPC7 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	94kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Nucleus envelope .
Tissue Specificity	Brain,Whole brain,
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. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion.,similarity:Belongs to the transient receptor family. STrpC subfamily.,similarity:Contains 4 ANK repeats.,subunit:Interacts with MX1 and RNF24.,
Background	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. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion.,similarity:Belongs to the transient receptor family. STrpC subfamily.,similarity:Contains 4 ANK repeats.,subunit:Interacts with MX1 and RNF24.,

**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