



# TRPC1 rabbit pAb

Cat No.:ES10257

For research use only

## Overview

<b>Product Name</b>	TRPC1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TRPC1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Short transient receptor potential channel 1 (TrpC1) (Transient receptor protein 1) (TRP-1)
<b>Gene Name</b>	TRPC1 TRP1
<b>Cellular localization</b>	Membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	87kD
<b>Human Gene ID</b>	7220
<b>Human Swiss-Prot Number</b>	P48995
<b>Alternative Names</b>	
<b>Background</b>	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





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also by depletion of intracellular calcium stores. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],



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