



TRPC3 blocking peptide (CDBP6369)

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

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TRPC3 transient receptor potential cation channel, subfamily C, member 3 [Homo sapiens (human)]
Official Symbol	TRPC3
Synonyms	TRPC3; transient receptor potential cation channel, subfamily C, member 3; TRP3; short transient receptor potential channel 3; hTrp-3; transient receptor protein 3; transient receptor potential cation channel subfamily C member 3 variant c

Entrez Gene ID	7222
mRNA Refseq	NM_001130698
Protein Refseq	NP_001124170
UniProt ID	Q13507
Pathway	Axon guidance; Developmental Biology; Effects of PIP2 hydrolysis; Elevation of cytosolic Ca ²⁺ levels; G alpha (q) signalling events; GPCR downstream signaling; Gastrin-CREB signalling pathway via PKC and MAPK; Hemostasis
Function	calcium channel activity; inositol 1,4,5 trisphosphate binding; protein binding; store-operated calcium channel activity