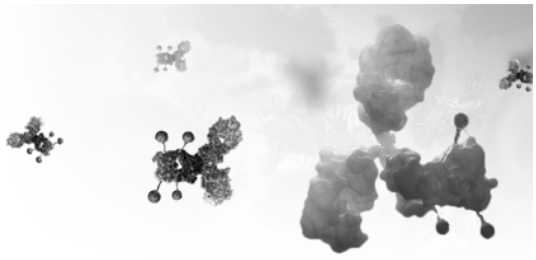

Human TRPC7 blocking peptide (CDBP3076)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TRPC7 antibody
Antigen Description	TRPC7 (transient receptor potential cation channel, subfamily C, member 7) is a protein-coding gene. Diseases associated with TRPC7 include myelodysplastic syndromes, and gingivitis, and among its related super-pathways are Signaling by GPCR and Gastrin-CREB signalling pathway via PKC and MAPK. GO annotations related to this gene include protein binding and calcium channel activity. An important paralog of this gene is TRPC4.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TRPC7 transient receptor potential cation channel, subfamily C, member 7 [Homo sapiens]
Official Symbol	TRPC7
Synonyms	TRPC7; transient receptor potential cation channel, subfamily C, member 7; short transient receptor potential channel 7; TRP-7; hTRP7; transient receptor protein 7; putative capacitative calcium channel; likley ortholog of mouse transient receptor potential cation channel, subfamily

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	C, member 7; TRP7;
Entrez Gene ID	57113
mRNA Refseq	NM_001167576
Protein Refseq	NP_001161048
UniProt ID	Q9HCX4
Chromosome Location	5q31.2
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Effects of PIP2 hydrolysis, organism-specific biosystem; Elevation of cytosolic Ca2+ levels, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	calcium channel activity; cation channel activity; ion channel activity; receptor activity;

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