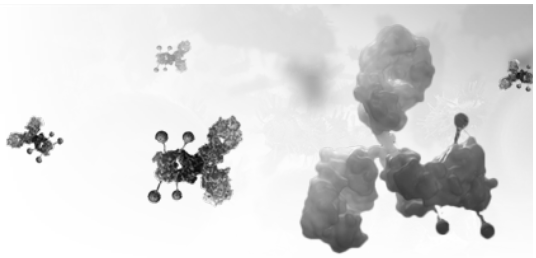

Human ITPR3 blocking peptide (CDBP1639)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ITPR3 antibody
Antigen Description	This gene encodes a receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. The receptor contains a calcium channel at the C-terminus and the ligand-binding site at the N-terminus. Knockout studies in mice suggest that type 2 and type 3 inositol 1,4,5-trisphosphate receptors play a key role in exocrine secretion underlying energy metabolism and growth. [provided by RefSeq, Aug 2010]
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	ITPR3 inositol 1,4,5-trisphosphate receptor, type 3 [Homo sapiens]
Official Symbol	ITPR3
Synonyms	ITPR3; inositol 1,4,5-trisphosphate receptor, type 3; inositol 1,4,5 triphosphate receptor, type 3; inositol 1,4,5-trisphosphate receptor type 3; IP3R3; insP3R3; IP3 receptor; type 3 InsP3 receptor; inositol 1,4,5-triphosphate receptor, type 3; IP3R; FLJ36205;

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Entrez Gene ID	3710
mRNA Refseq	NM_002224
Protein Refseq	NP_002215
UniProt ID	Q14573
Chromosome Location	6p21.31
Pathway	Adaptive Immune System, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem;
Function	calcium channel activity; inositol 1,3,4,5 tetrakisphosphate binding; inositol 1,4,5 trisphosphate binding; inositol 1,4,5-trisphosphate-sensitive calcium-release channel activity; inositol 1,4,5-trisphosphate-sensitive calcium-release channel activity; i

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