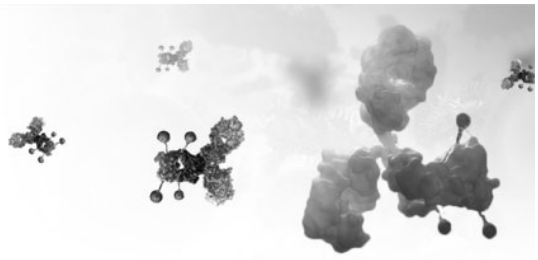

Human ITPR3 blocking peptide (CDBP1639)

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]
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human, Mouse, Cow, Dog, Rat
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Procedure	None
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

ANTIGEN GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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;
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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