



Human ITPR2 blocking peptide (CDBP1638)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ITPR2 antibody
Antigen Description	ITPR2 (inositol 1,4,5-trisphosphate receptor, type 2) is a protein-coding gene. Diseases associated with ITPR2 include rheumatic disease, and sjogren's syndrome, and among its related super-pathways are fMLP Pathway and Development Endothelin-1/EDNRA transactivation of EGFR. GO annotations related to this gene include phosphatidylinositol binding and calcium ion transmembrane transporter activity. An important paralog of this gene is RYR2.
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	ITPR2 inositol 1,4,5-trisphosphate receptor, type 2 [Homo sapiens]
Official Symbol	ITPR2
Synonyms	ITPR2; inositol 1,4,5-trisphosphate receptor, type 2; inositol 1,4,5 triphosphate receptor, type 2; inositol 1,4,5-trisphosphate receptor type 2; IP3R2; IP3R 2; insP3R2; IP3 receptor; type 2 InsP3

receptor; inositol 1,4,5-triphosphate receptor, type 2; type 2 inositol 1,4,5-trisphosphate receptor;

Entrez Gene ID	3709
mRNA Refseq	NM_002223
Protein Refseq	NP_002214
UniProt ID	Q14571
Chromosome Location	12p11.23
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; B Cell Receptor Signaling Pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem;
Function	calcium ion transmembrane transporter activity; inositol 1,4,5-trisphosphate-sensitive calcium-release channel activity; ion channel activity; phosphatidylinositol binding; receptor activity;