



Anti-ITPR1 (C-terminal) polyclonal antibody (DPABH-09480)

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

PRODUCT INFORMATION

Antigen Description	Intracellular channel that mediates calcium release from the endoplasmic reticulum following stimulation by inositol 1,4,5-trisphosphate.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to C-terminal residues of Human ITPR1, isoform 4 (NP_002213.4).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 0.27% Potassium phosphate, 0.88% Sodium chloride, 98% dH2O
Preservative	0.01% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ITPR1 inositol 1,4,5-trisphosphate receptor, type 2 [Homo sapiens]
Official Symbol	ITPR1
Synonyms	ITPR1; inositol 1,4,5-trisphosphate receptor, type 1; ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1; PPP1R94; inositol 1,4,5-trisphosphate receptor type 1; IP3R 1; IP3 receptor; type 1 InsP3 receptor; inositol 1,4,5-trisphosphate receptor, type 1; protein phosphatase 1, regulatory subunit 94; type 1 inositol 1,4,5-trisphosphate receptor;
Entrez Gene ID	3708
Protein Refseq	NP_001093422.2
UniProt ID	B4DER3
Pathway	Adaptive Immune System; Alzheimers disease; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; Ca2+ pathway
Function	calcium ion transmembrane transporter activity; inositol 1,4,5-trisphosphate-sensitive calcium-release channel activity; inositol 1,4,5-trisphosphate-sensitive calcium-release channel activity; intracellular ligand-gated calcium channel activity