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anti-ITPR2 antibody (C-Term)



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Overview

Quantity:	100 μL
Target:	ITPR2
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITPR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide derived from Cter domain of rat IP3R-2 protein
Isotype:	IgG
Specificity:	Reacts with rat 307 kDa IP3R-2 protein
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	May cross-reacts with mouse and human proteins due tosequence homology.
Purification:	Antiserum

Target Details

Target:	ITPR2
Alternative Name:	Inositol 1,4,5-Trisphosphate Receptor Type 2 (ITPR2 Products)

Target Details

Background:	Receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. This release is regulated by cAMP both dependently and independently of PKA
Gene ID:	81678
UniProt:	P29995
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma
Application Details	

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user.
	The following are guidelines only:
	- WB : 1/100 to 1/1000 - IHC : 1/50 to 1/200
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Must be reconstituted in distilled water.
Storage:	4 °C/-20 °C
Storage Comment:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	24 months