

## Datasheet for ABIN1514993 **anti-ITPR2 antibody (C-Term)**



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### Overview

Quantity:	200 µL
Target:	ITPR2
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), ELISA, 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 to sequence homology.
Purification:	Antiserum

### Target Details

Target:	ITPR2
Alternative Name:	Inositol 1,4,5-Trisphosphate Receptor Type 2 ( <a href="#">ITPR2 Products</a> )
Background:	Receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of

## Target Details

	intracellular calcium. This release is regulated by cAMP both dependently and independently of PKA
Gene ID:	81678
UniProt:	<a href="#">P29995</a>
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a>

## 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