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Datasheet for ABIN2776138 anti-ITPR2 antibody (N-Term)

Image



Overview

Quantity:	100 μL
Target:	ITPR2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITPR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of HUMAN ITPR2
Sequence:	FRDCLFKVCP MNRYSAQKQY WKAKQAKQGN HTEAALLKKL QHAAELEQKQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against ITPR2. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	ITPR2
Alternative Name:	ITPR2 (ITPR2 Products)

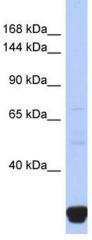
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Target Details	
Background:	ITPR2 is a receptor for inositol 1,4,5-trisphosphate, a second messenger that mediates the release of intracellular calcium. This release is regulated by cAMP both dependently and independently of PKA. Protein Interaction Partner: UBC, TRPC1, BANK1, TRPC4, PRKACA, Protein Size: 181
Molecular Weight:	19 kDa
Gene ID:	3709
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 Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL

Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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Images



Host: Rabbit Target Name: ITPR2 Sample Tissue: Fetal Small Intestine Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: ITPR2 Sample Type: Fetal Small Intestine lysates Antibody Dilution: 1.0ug/ml

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