

Datasheet for ABIN7640575 **anti-ITPR2 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ITPR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITPR2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Inositol-1,4,5-Trisphosphate Receptor Type 2 (ITPR2)
Immunogen:	RPE844Hu01Recombinant Inositol1,4,5Trisphosphate Receptor Type 2 (ITPR2)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ITPR2. It has been selected for its ability to recognize ITPR2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ITPR2
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Target Details

Alternative Name:	ITPR2 (ITPR2 Products)
Background:	IP3R2, IP3 receptor isoform 2, Type 2 inositol 1,4,5-trisphosphate receptor, Type 2 InsP3 receptor
UniProt:	Q14571
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:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.