

Product Data Sheet

Anti-ITPR3 Antibody

Catalog #	Source	Reactivity	Applications
CQA4813	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to ITPR3		
Immunogen	Recombinant fusion protein of human ITPR3. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ITPR3 protein		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	ITPR3		
Alternative Names	Inositol 1 4 5-trisphosphate receptor type 3; IP3 receptor isoform 3; IP3R 3; InsP3R3; Type 3 inositol 1 4 5-trisphosphate receptor; Type 3 InsP3 receptor		
Entrez Gene	3710 (Human); 16440 (Mouse); 25679 (Rat)		
SwissProt	Q14573 (Human); P70227 (Mouse); Q63269 (Rat)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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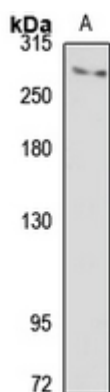
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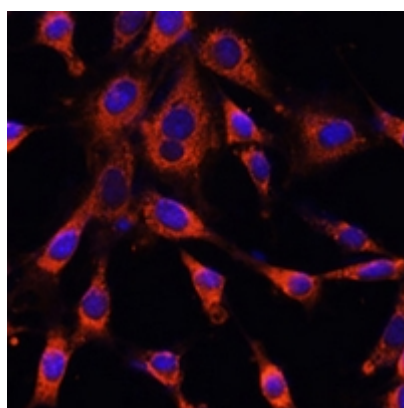
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Western blot analysis of ITPR3 expression in HepG2 (A) whole cell lysates. (Predicted band size: 304 kD; Observed band size: 300 kD)



Immunofluorescent analysis of ITPR3 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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