

RecomAb™

ITPR1 recombinant monoclonal antibody, clone R05-3J6

Catalog # RAB06401 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human, mouse and rat ITPR1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human ITPR1.
Theoretical MW (kDa)	Calculated MW: 314 k
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — ITPR1

Entrez GeneID	3708
Protein Accession#	Q14643
Gene Name	ITPR1
Gene Alias	INSP3R1, IP3R, IP3R1, SCA15, SCA16
Gene Description	inositol 1,4,5-triphosphate receptor, type 1
Omim ID	147265 606658
Gene Ontology	Hyperlink
Gene Summary	inositol 1
Other Designations	-

Pathway

- [Calcium signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Long-term depression](#)
- [Long-term potentiation](#)
- [Phosphatidylinositol signaling system](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)