IP3R1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_002213.5
Catalog No.	A302-158A-T	Uniprot ID	Q14643
Lot No.	2	GeneID	3708

APPLICATIONS	WB, IP, IHC, IHC-IF
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat
AMOUNT	10 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to IP3R1 immobilized on solid support. The epitope recognized by A302-158A-T maps to a region between residue 2708 and 2758 of human inositol 1, 4,5-trisphosphate receptor type 1 using the numbering given in entry Q14643.2 (GeneID 3708). Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000 - 1:5000 (3-8% Tris-acetate gel recommended)
Immunoprecipitation	6 µg/mg lysate
Immunohistochemistry	1:50 to 1:250. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.
Immunofluorescence (IHC)	1:50 - 1:250

IHC MOUSE CONTROLS	Brain
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD — Date: March 4, 2026

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