

A7905

Leader in Biomolecular Solutions for Life Science



IP3R Rabbit pAb

Catalog No.: A7905

5 Publications

Basic Information

Observed MW

314kDa

Calculated MW

314kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

This gene encodes an intracellular receptor for inositol 1,4,5-trisphosphate. Upon stimulation by inositol 1,4,5-trisphosphate, this receptor mediates calcium release from the endoplasmic reticulum. Mutations in this gene cause spinocerebellar ataxia type 15, a disease associated with an heterogeneous group of cerebellar disorders. Multiple transcript variants have been identified for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3708

Swiss Prot

Q14643

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1812-1911 of human IP3R (XP_011531985.1).

Synonyms

ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1; PPP1R94

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

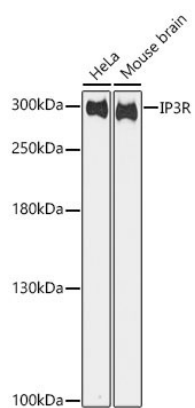
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using IP3R Rabbit pAb (A7905) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.