

IP3R-I Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP04603

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human InsP3R1. AA range:1566-

1615

Mol wt 313945

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name IP3R-I Antibody

Synonyms ITPR1; INSP3R1; Inositol 1; 4,5-trisphosphate receptor type 1; IP3 receptor isoform 1; IP3R 1; InsP3R1;

Type 1 inositol 1,4,5-trisphosphate receptor; Type 1 InsP3 receptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ITPR1 (inositol 1,4,5-trisphosphate receptor type 1) 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 ITPR1 cause spinocerebellar ataxia type 15, a disease associated with an heterogeneous group of cerebellar disorders. Multiple transcript variants have been identified for ITPR1.

Recommended Dilution

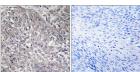
IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of COS7 cells, using InsP3R1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue, using InsP3R1 Antibody. The picture on the right is blocked with the synthesized peptide.

-20°C for one year

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