

## IP3R-I Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP04604
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from IP3R-I . at AA range: 1700-1780
Mol wt	313945
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, 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

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western blot analysis of 293T using IP3R-I antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year