

IP3R Polyclonal Antibody

catalog number: **E-AB-93302**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

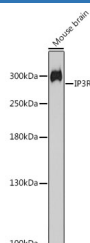
Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human IP3R
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

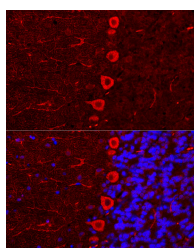
WB	1:500-1:2000
IF	1:50-1:200

Data

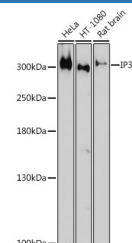


Western blot analysis of extracts of Mouse brain using IP3R Polyclonal Antibody at 1:1000 dilution.

Observed-MV: Refer to figures
Calculated-MV: 306-313 kDa



Immunofluorescence analysis of U2OS cells using IP3R Polyclonal Antibody at dilution of 1:100. Perform microwave antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines using IP3R Polyclonal Antibody at 1:1000 dilution.

Observed-MV: Refer to figures
Calculated-MV: 306-313 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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.

For Research Use Only

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