

Anti-IP3R Rabbit pAb

Purified Rabbit Polyclonal Antibody

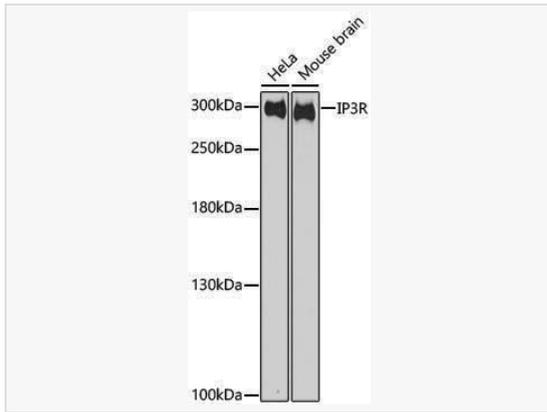
Catalog # P107830

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1812-1911 of human IP3R (NP_001365381).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IP3R Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1; PPP1R94.
Calculated MW	Calculated MW: 314 kDa; Observed MW: 314 kDa
Uniprot ID	Q14643
Gene ID	3708
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 a heterogeneous group of cerebellar disorders. Multiple transcript variants have been identified for this gene.



Western blot analysis of various lysates using IP3R Rabbit pAb (P107830) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates / proteins: 25 μ g per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 90s.