

## CAB4436

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### Product Information

<b>Product SKU:</b>	CAB4436	<b>Gene ID:</b>	3708	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1007	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	320kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	314kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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 Dilution:** WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** ACV; CLA4; IP3R; IP3R1; SCA15; SCA16; SCA29; INSP3R1; PPP1R94

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 2200-2300 of human IP3R (Q14643).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.