Product Data Sheet
IP3R-I (phospho Ser1598) rabbit Polyclonal Antibody

Product name:	IP3R-I (phospho Ser1598) rabbit Polyclonal Antibody
Cat number:	ABE5964
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 ug
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
Clone:	Polyclonal
Concentration:	1 mg/ml
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Inositol 1,4,5-trisphosphate R1 around the phosphorylation site of Ser1598/1588. AA range:1566-1615
Reactivity:	Human;Mouse;Rat
Applications:	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
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. [provided by RefSeq, Nov 2009],
Form:	liquid
Storage:	-20°C/1 year

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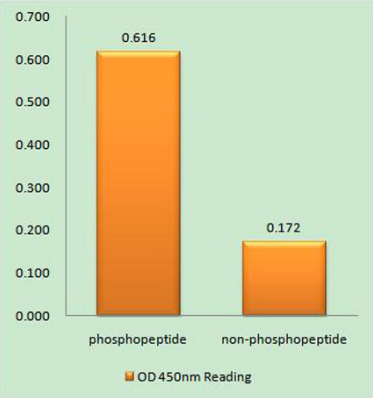
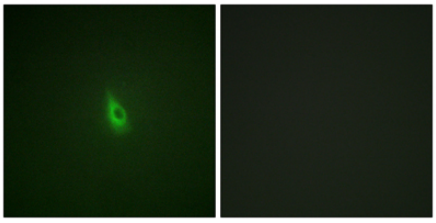
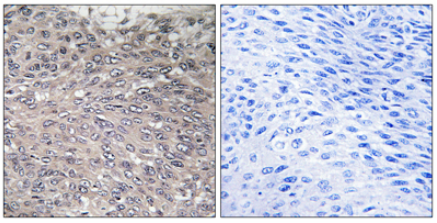


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Inositol 1,4,5-trisphosphate R1 (Phospho-Ser1598/1588) Antibody



Immunofluorescence analysis of A549 cells, using Inositol 1, 4, 5-trisphosphate R1 (Phospho-Ser1598/1588) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma, using Inositol 1, 4, 5-trisphosphate R1 (Phospho-Ser1598/1588) Antibody. The picture on the right is blocked with the phospho peptide.