RyR-2 (phospho Ser2808) Polyclonal Antibody

Catalog No: #13539

Package Size: #13539-1 50ul #13539-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

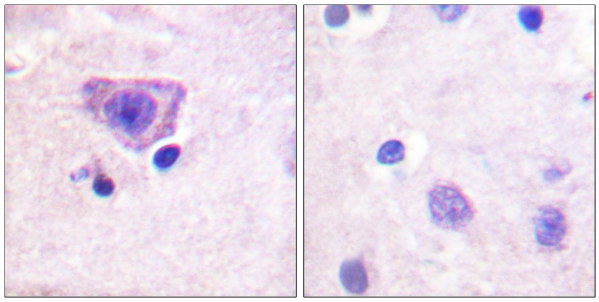
Product Name	RyR-2 (phospho Ser2808) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-RyR-2 (S2808) Polyclonal Antibody detects endogenous levels of RyR-2 protein only when phosphorylated at S2808.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human RyR2 around the phosphorylation site of Ser2808. AA range:2774-2823
Other Names	RYR2; Ryanodine receptor 2; RYR-2; RyR2; hRYR-2; Cardiac muscle ryanodine receptor; Cardiac muscle ryanodine receptor-calcium release channel; Type 2 ryanodine receptor
Accession No.	Swiss Prot:Q92736GeneID:6262
Uniprot	Q92736
GeneID	6262
Calculated MW	564kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/10000. Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using RyR2 (Phospho-Ser2808) Antibody. The picture on the right is blocked with the phospho peptide.

Background

ryanodine receptor 2(RYR2) Homo sapiens This gene encodes a ryanodine receptor found in cardiac muscle sarcoplasmic reticulum. The encoded protein is one of the components of a calcium channel, composed of a tetramer of the ryanodine receptor proteins and a tetramer of FK506 binding protein 1B proteins, that supplies calcium to cardiac muscle. Mutations in this gene are associated with stress-induced polymorphic ventricular tachycardia and arrhythmogenic right ventricular dysplasia. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only