

Rabbit anti-Human RYR2-S2814 Polyclonal Antibody | anti-RYR2-S2814 antibody

Phospho-RYR2-S2814 pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269023	Rabbit	Human	Western Blot

PRODUCT SYNONYMS

RYR2-S2814; Polyclonal Antibody; Phospho-RYR2-S2814 pAb; RYR2; ARVC2; ARVD2; RYR-2; RyR; VTSIP; ryanodine receptor 2; anti-RYR2-S2814 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Applicable Applications for anti-RYR2-S2814 antibody	WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S2815 of human RYR2
Category	Primary antibody
Cell Location	Membrane; Multi-pass membrane protein, Sarcoplasmic reticulum membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-RYR2-S2814 antibody	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.
Product Categories/Family for anti-RYR2-S2814 antibody	Phosphorylated Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	112799847
NCBI GeneID	6262
NCBI Accession #	NP_001026.2
NCBI GenBank Nucleotide #	NM_001035.2
UniProt Accession #	Q92736 ; Q15411 ; Q546N8 ; Q5T3P2
Molecular Weight	Calculated MW: 564 kDa/565 kDa
NCBI Official Full Name	ryanodine receptor 2

NCBI Official Synonym Full Names	ryanodine receptor 2 (cardiac)
NCBI Official Symbol	RYR2
NCBI Official Synonym Symbols	RyR; ARVC2; ARVD2; RYR-2; VTSIP
NCBI Protein Information	ryanodine receptor 2; type 2 ryanodine receptor; islet-type ryanodine receptor; kidney-type ryanodine receptor; cardiac-type ryanodine receptor; cardiac muscle ryanodine receptor-calcium release channel
UniProt Protein Name	Ryanodine receptor 2
UniProt Gene Name	RYR2
UniProt Synonym Gene Names	RYR-2; RyR2; hRYR-2
UniProt Entry Name	RYR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ryr2-s2814-antibody-western-blot-elisa/269023>