

Rabbit RYR1 Polyclonal Antibody | anti-RYR1 antibody

Phospho-RYR1 (Ser2843) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329282	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

RYR1; Polyclonal Antibody; Phospho-RYR1 (Ser2843) Antibody; CCO; Central core disease of muscle; MHS; MHS1; PPP1R137; Protein phosphatase 1 regulatory subunit 137; Ryanodine receptor 1; RYDR; RYR; RYR-1; RyR1; RYR1_HUMAN; sarcoplasmic reticulum calcium release channel; Skeletal muscle calcium release channel; Skeletal muscle ryanodine receptor; Skeletal muscle-type ryanodine receptor; SKRR; Type 1 ryanodine receptor; anti-RYR1 antibody

PRODUCT SPECIFICATIONS

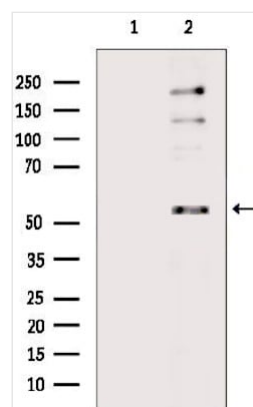
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-RYR1 (Ser2843) Antibody detects endogenous levels of RYR1 only when phosphorylated at Ser2843. Tissue Specificity: Skeletal muscle and brain (cerebellum and hippocampus).
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-RYR1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	A synthesized peptide derived from human RYR1 around the phosphorylation site of Ser2843.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA329282 at 1/100 staining Rat muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells (serum starvation/treatment), using Phospho-RYR1 (Ser2843) Ab. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	108935904
NCBI GeneID	6261
UniProt Accession #	P21817; Q16314; Q16368; Q9NPK1; Q9P1U4
NCBI Official Full Name	Ryanodine receptor 1
NCBI Official Synonym Full Names	ryanodine receptor 1 (skeletal)
NCBI Official Symbol	RYR1
NCBI Official Synonym Symbols	CCO; MHS; RYR; MHS1; RYDR; SKRR; RYR-1; PPP1R137
NCBI Protein Information	ryanodine receptor 1; central core disease of muscle; type 1-like ryanodine receptor; skeletal muscle ryanodine receptor; skeletal muscle calcium release channel; protein phosphatase 1, regulatory subunit 137; sarcoplasmic reticulum calcium release channe
UniProt Protein Name	Ryanodine receptor 1
UniProt Gene Name	RYR1
UniProt Synonym Gene Names	RYDR; RYR-1; RyR1
UniProt Entry Name	RYR1_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/ryr1-antibody-western-blot-immunohistochemistry-elisa/329282>