

Rabbit Ryanodine Receptor 2 (phospho-Ser2808) Polyclonal Antibody | anti-RYR2 antibody

Ryanodine Receptor 2 (phospho-Ser2808) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29761	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

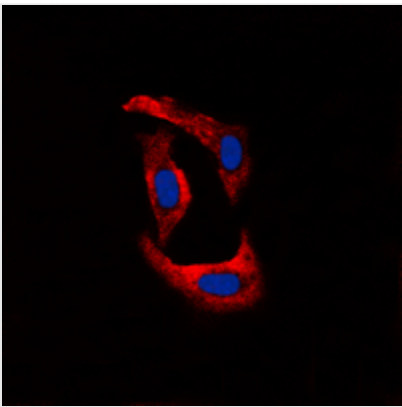
PRODUCT SYNONYMS

Ryanodine Receptor 2 (phospho-Ser2808); Polyclonal Antibody; Ryanodine Receptor 2 (phospho-Ser2808) Antibody; Ryanodine receptor 2; RYR-2; RyR2; hRYR-2; Cardiac muscle ryanodine receptor; Cardiac muscle ryanodine receptor-calcium release channel; Type 2 ryanodine receptor; anti-RYR2 antibody

PRODUCT SPECIFICATIONS

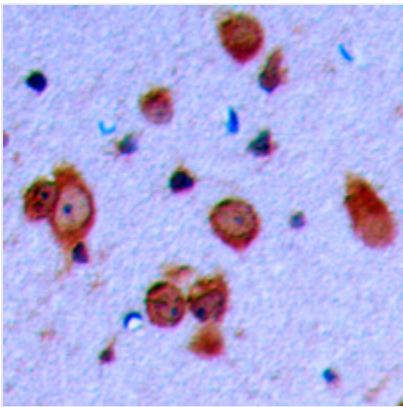
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes endogenous levels of Ryanodine Receptor 2 (phospho-Ser2808) protein.
Purity/Purification	Immunogen affinity chromatography
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/mL (varies by lot)
Sequence Length	4967
Applicable Applications for anti-RYR2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:100-1:300
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Ryanodine Receptor 2.
Target Name	RYR2
Preparation and Storage	Store at -20°C.

IMAGES



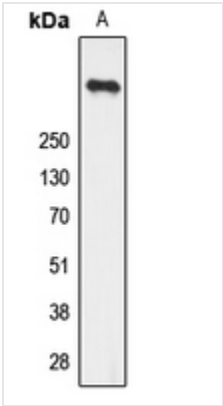
IF (Immunofluorescence)

Immunofluorescent analysis of Ryanodine Receptor 2 (phospho-Ser2808) staining in U251 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Ryanodine Receptor 2 (phospho-Ser2808) staining in human brain formalin fixed paraffin embedded tissue section. The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Ryanodine Receptor 2 (phospho-Ser2808) expression in U251 whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RYR2 antibody	Phospho-specific Ab
--	---------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	112799847
NCBI GeneID	6262
NCBI Accession #	NP_001026.2
NCBI GenBank Nucleotide #	NM_001035.3
UniProt Accession #	Q92736; Q15411; Q546N8; Q5T3P2
Molecular Weight	564 KD
NCBI Official Full Name	ryanodine receptor 2
NCBI Official Synonym Full Names	ryanodine receptor 2

NCBI Official Symbol	RYR2
NCBI Official Synonym Symbols	RyR; ARVC2; ARVD2; RYR-2; VTSIP
NCBI Protein Information	ryanodine receptor 2
UniProt Protein Name	Ryanodine receptor 2
UniProt Gene Name	RYR2
UniProt Synonym Gene Names	RYR-2; RyR2; hRYR-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ryanodine-receptor-2-phospho-ser2808-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29761>