

Rabbit Ryanodine Receptor 2 Polyclonal Antibody | anti-RYR2 antibody

Anti-Ryanodine Receptor 2 (pS2808) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260246	Rabbit	Human, Mouse, Rat, Rabbit	Immunofluorescence, Immunohistochemistry, Western Blot

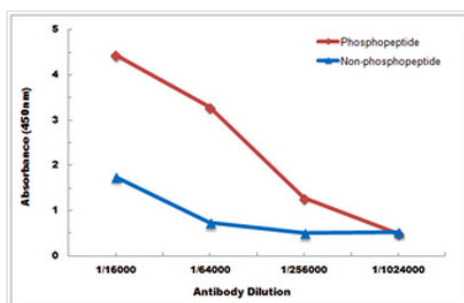
PRODUCT SYNONYMS

Ryanodine Receptor 2; Polyclonal Antibody; Anti-Ryanodine Receptor 2 (pS2808) Phospho 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

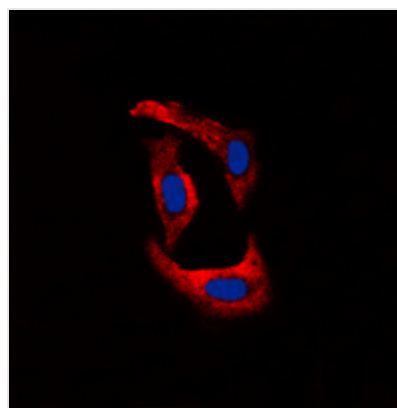
Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Ryanodine Receptor 2 (pS2808) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	4,975
Applicable Applications for anti-RYR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Ryanodine Receptor 2 (pS2808). The exact sequence is proprietary.
Preparation and Storage	Ships on blue ice. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



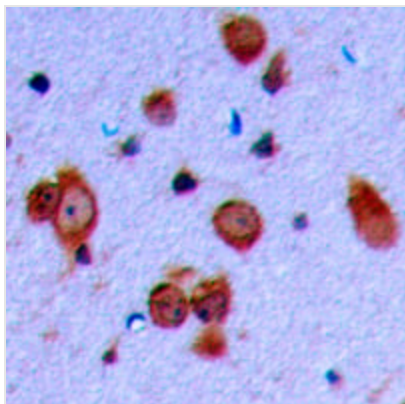
ELISA

Direct ELISA antibody dose-response curve using Anti-Ryanodine Receptor 2 (pS2808) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



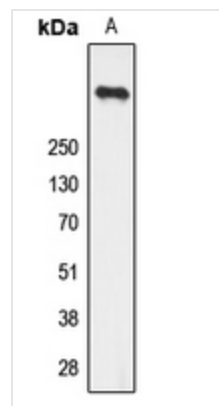
IF (Immunofluorescence)

Immunofluorescent analysis of Ryanodine Receptor 2 (pS2808) 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 humidified 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 (pS2808) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). 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 (pS2808) expression in U251 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RYR2 antibody

Rabbit polyclonal antibody to Ryanodine Receptor 2 (pS2808)

NCBI AND UNIPROT INFORMATION

NCBI GI #	112799847
NCBI GeneID	6262; 20191; 689560
NCBI Accession #	NP_001026.2
NCBI GenBank Nucleotide #	NM_001035.2
UniProt Accession #	Q92736; Q15411; Q546N8; Q5T3P2
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
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.

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-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/260246>