

Rabbit RYR2 Polyclonal Antibody | anti-RYR2 antibody

RYR2 Rabbit Polyclonal Antibody

CATALOG # AAA313171	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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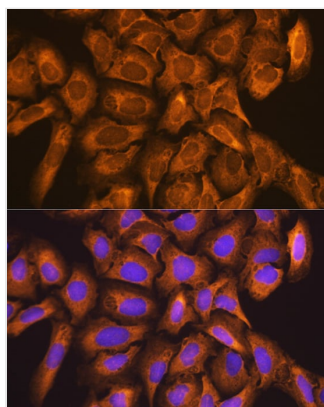
PRODUCT SYNONYMS

RYR2; Polyclonal Antibody; RYR2 Rabbit Polyclonal Antibody; ARVC2; ARVD2; RYR-2; RyR; VTSIP; anti-RYR2 antibody

PRODUCT SPECIFICATIONS

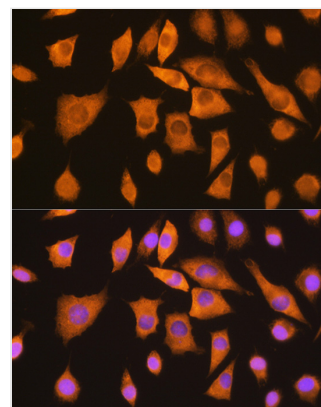
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RYR2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human RYR2 (NP_001026.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



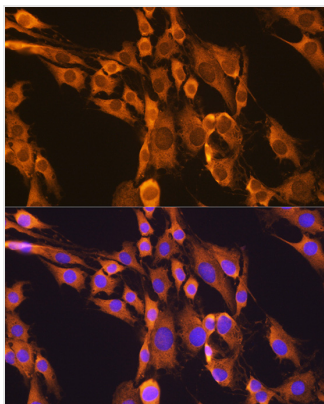
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using RYR2 Rabbit pAb.



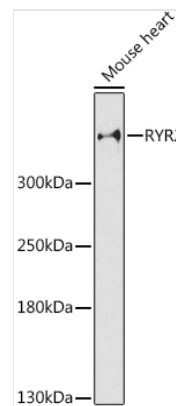
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using RYR2 Rabbit pAb.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using RYR2 Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of Mouse heart, using RYR2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RYR2 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 antibody	Primary Antibody

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	564,567 Da
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.