

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

RYP2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283308	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

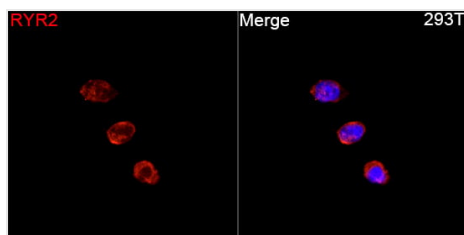
PRODUCT SYNONYMS

RYP2; Polyclonal Antibody; RYP2 Rabbit pAb; RyR; ARVC2; ARVD2; RYP-2; VTSIP; VACRDS; anti-RYP2 antibody

PRODUCT SPECIFICATIONS

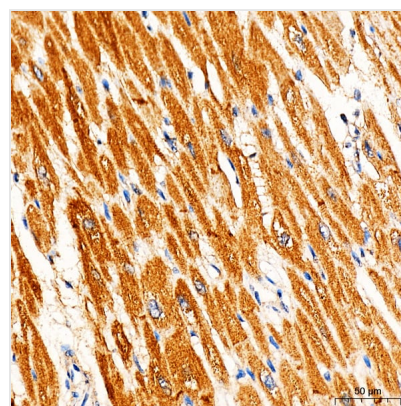
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	ADDRDDYDFL MQTSTYYYSV RIFPGQEPAN VWVGWITSDF HQYDTGFDLD RVRTVTVTLG DEKGKVHESI KRSNCYMVCA GESMSPGQGR NNNGLEIGCV
Applicable Applications for anti-RYP2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1411-1510 of human RYP2 (NP_001026.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



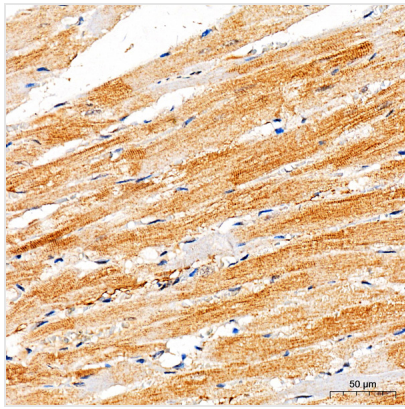
IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells using RYP2 Rabbit pAb (AAA283308) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



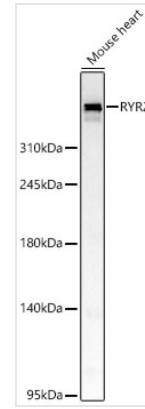
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human heart tissue using RYP2 Rabbit pAb (AAA283308) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using RYR2 Rabbit pAb (AAA283308) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse heart using RYR2 Rabbit pAb (AAA283308) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

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	Cancer ; Signal Transduction ; Endocrine Metabolism ; Neuroscience ; Calcium Signaling ; Cardiovascular ; Hypoxia ; Heart ; Contractility ; Cardiac arrhythmias ; 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: 565kDa Observed MW: 565kDa
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-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/283308>