

## Rabbit RYR2 Polyclonal Antibody | anti-RYR2 antibody

RYR2 Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA313171</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

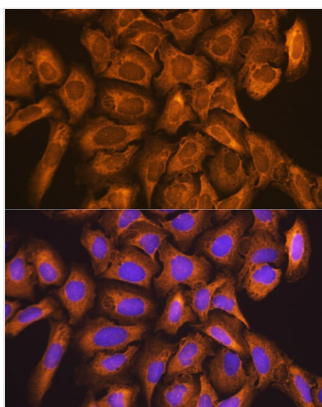
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

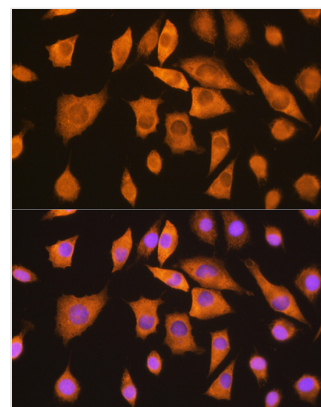
|                                                |                                                   |
|------------------------------------------------|---------------------------------------------------|
| Host                                           | Rabbit                                            |
| 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



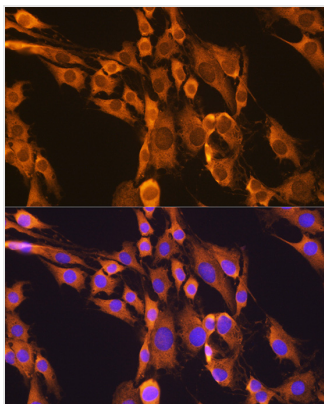
IF (Immunofluorescence)

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



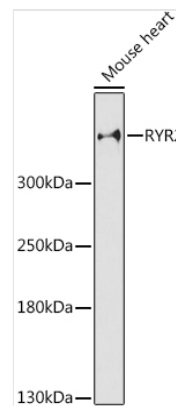
IF (Immunofluorescence)

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                | <b>RYR2</b>                                                                                                                                                                                                |
| 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](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/ryr2-antibody-immunofluorescence-western-blot-elisa/313171>