

RYR2 blocking peptide

Phospho-RYR2 (Ser2814) Blocking Peptide

CATALOG #
AAA329982

APPLICATIONS
Blocking

PRODUCT SYNONYMS

RYR2; Phospho-RYR2 (Ser2814) Blocking Peptide; ARVC2; ARVD2; Cardiac muscle ryanodine receptor; Cardiac muscle ryanodine receptor-calcium release channel; hRYR-2; ryanodine receptor 2 (cardiac); Ryanodine receptor 2; RyR; RYR-2; RyR2; RYR2_HUMAN; Type 2 ryanodine receptor; VTSIP; RYR2 blocking peptide

PRODUCT SPECIFICATIONS

Purity/Purification	The purity is >90%,tested by HPLC and MS.
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Applicable Applications for RYR2 blocking peptide	Blocking
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for RYR2 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized 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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/blocking-peptide/ryr2/329982>