



Anti-RYR2 (aa 2650-2750) polyclonal antibody (DPABH-06659)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Communication between transverse-tubules and sarcoplasmic reticulum. Contraction of cardiac muscle is triggered by release of calcium ions from SR following depolarization of T-tubules.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 2650 - 2750 of Human Ryanodine Receptor 2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	RYR2 ryanodine receptor 3 (cardiac) [Homo sapiens]
Official Symbol	RYR2
Synonyms	RYR2; ryanodine receptor 2 (cardiac); RyR; ARVC2; ARVD2; RYR-2; VTSIP; 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;
Entrez Gene ID	6262
Protein Refseq	NP_001026.2
UniProt ID	Q92736
Pathway	Adrenergic signaling in cardiomyocytes; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Calcium signaling pathway.
Function	calcium channel activity; calcium ion binding; calcium-induced calcium release activity; calcium-release channel activity