

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

HRC Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288892	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

HRC; Polyclonal Antibody; HRC Antibody (Center); Sarcoplasmic reticulum histidine-rich calcium-binding protein; HCP; anti-HRC antibody

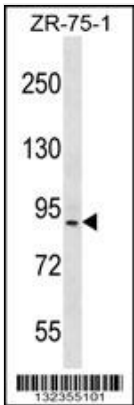
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HRC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-306 amino acids from the Central region of human HRC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	277-306
Sequence Length	699
Applicable Applications for anti-HRC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HRC Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HRC Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HRC Antibody (Center) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the HRC antibody detected the HRC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HRC antibody	This gene encodes a luminal sarcoplasmic reticulum protein identified by its ability to bind low-density lipoprotein with high affinity. The protein interacts with the cytoplasmic domain of triadin, the main transmembrane protein of the junctional sarcoplasmic reticulum (SR) of skeletal muscle. The protein functions in the regulation of releasable calcium into the SR.
References	Arvanitis, D.A., et al. Eur. Heart J. 29(20):2514-2525(2008) Arvanitis, D.A., et al. Am. J. Physiol. Heart Circ. Physiol. 293 (3), H1581-H1589 (2007) : Fan, G.C., et al. Am. J. Physiol. Heart Circ. Physiol. 287 (4), H1705-H1711 (2004) : Anderson, J.P., et al. Mol. Cell. Biol. 24(9):3757-3768(2004) Adkins, J.N., et al. Mol. Cell Proteomics 1(12):947-955(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504487
NCBI GeneID	3270
NCBI Accession #	NP_002143.1
NCBI GenBank Nucleotide #	NM_002152.2
UniProt Accession #	P23327; Q504Y6
Molecular Weight	80244
NCBI Official Full Name	sarcoplasmic reticulum histidine-rich calcium-binding protein
NCBI Official Synonym Full Names	histidine rich calcium binding protein
NCBI Official Symbol	HRC
NCBI Protein Information	sarcoplasmic reticulum histidine-rich calcium-binding protein
UniProt Protein Name	Sarcoplasmic reticulum histidine-rich calcium-binding protein
UniProt Gene Name	HRC
UniProt Synonym Gene Names	HCP
UniProt Entry Name	SRCH_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/polyclonal/hrc-antibody-immunohistochemistry-western-blot-elisa/288892>