

HRC Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12729c**Specification**

HRC Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P23327
Other Accession	NP_002143.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80244
Antigen Region	277-306

HRC Antibody (Center) - Additional Information**Gene ID** 3270**Other Names**

Sarcoplasmic reticulum histidine-rich calcium-binding protein, HRC, HCP

Target/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.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HRC Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

HRC Antibody (Center) - Protein Information**Name** HRC**Synonyms** HCP

Function May play a role in the regulation of calcium sequestration or release in the SR of skeletal and cardiac muscle.

Cellular Location

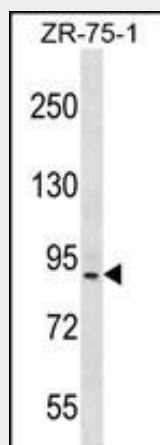
Sarcoplasmic reticulum lumen.

HRC Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HRC Antibody (Center) - Images



HRC Antibody (Center) (Cat. #AP12729c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the HRC antibody detected the HRC protein (arrow).



HRC Antibody (Center) (Cat. #AP12729c) 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.

HRC Antibody (Center) - Background

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.

HRC Antibody (Center) - References

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