

HRC Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12729c**Specification**

HRC Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P23327](#)**HRC Antibody (Center) Blocking peptide - Additional Information****Gene ID** 3270**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HRC Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HRC Antibody (Center) Blocking peptide - Images**HRC Antibody (Center) Blocking peptide - 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) Blocking peptide - 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)