

CSRP2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14068c**Specification**

CSRP2 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q16527](#)**CSRP2 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 1466**Other Names**

Cysteine and glycine-rich protein 2, Cysteine-rich protein 2, CRP2, LIM domain only protein 5, LMO-5, Smooth muscle cell LIM protein, SmlLIM, CSRP2, LMO5, SMLIM

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14068c was selected from the Center region of CSRP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CSRP2 Antibody (Center) Blocking peptide - Protein Information**Name** CSRP2**Synonyms** LMO5, SMLIM**Function**

Drastically down-regulated in response to PDGF-BB or cell injury, that promote smooth muscle cell proliferation and dedifferentiation. Seems to play a role in the development of the embryonic vascular system.

Cellular Location

Nucleus.

Tissue Location

Highly expressed in the aorta, but not in heart and skeletal muscle

CSRP2 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CSRP2 Antibody (Center) Blocking peptide - Images

CSRP2 Antibody (Center) Blocking peptide - Background

CSRP2 is a member of the CSRP family of genes, encoding a group of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. CRP2 contains two copies of the cysteine-rich amino acid sequence motif (LIM) with putative zinc-binding activity, and may be involved in regulating ordered cell growth. Other genes in the family include CSRP1 and CSRP3.

CSRP2 Antibody (Center) Blocking peptide - References

Stearns, M.E., et al. Mol. Cancer Res. 1(9):631-642(2003) Wang, M., et al. Cancer Biol. Ther. 1(5):556-563(2002) Weiskirchen, R., et al. Biochem. J. 359 (PT 3), 485-496 (2001) :Weiskirchen, R., et al. Biochem. Biophys. Res. Commun. 274(3):655-663(2000) Weiskirchen, R., et al. Genomics 44(1):83-93(1997)