

Rabbit CSRP2 Polyclonal Antibody | anti-CSRP2 antibody

CSRP2 Antibody (Center)

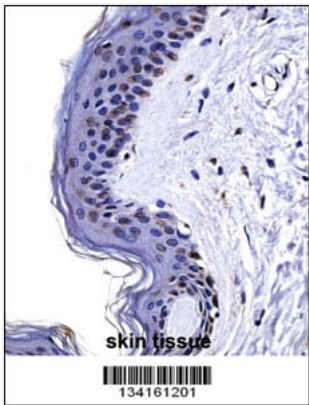
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285336	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

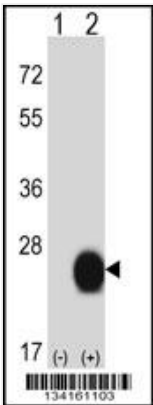
CSRP2; Polyclonal Antibody; CSRP2 Antibody (Center); Cysteine and glycine-rich protein 2; Cysteine-rich protein 2; CRP2; LIM domain only protein 5; LMO-5; Smooth muscle cell LIM protein; SmLIM; LMO5; SMLIM; anti-CSRP2 antibody

PRODUCT SPECIFICATIONS

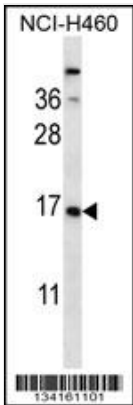
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CSRP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-96 amino acids from the Central region of human CSRP2.
Purity/Purification	Peptide 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.
Sequence Positions	68-96
Sequence Length	193
Applicable Applications for anti-CSRP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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 EMBL.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
CSRP2 Antibody (Center) (AAA285336)immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CSRP2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CSRP2 (arrow) using rabbit polyclonal CSRP2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CSRP2 gene.



WB (Western Blot)
CSRP2 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CSRP2 antibody detected the CSRP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CSRP2 antibody	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.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503101
NCBI GeneID	1466
NCBI Accession #	NP_001312.1

NCBI GenBank Nucleotide #	NM_001321.2
UniProt Accession #	Q16527 ; Q93030
NCBI Official Full Name	cysteine and glycine-rich protein 2
NCBI Official Synonym Full Names	cysteine and glycine-rich protein 2
NCBI Official Symbol	CSRP2
NCBI Official Synonym Symbols	CRP2; LMO5; SmLIM
NCBI Protein Information	cysteine and glycine-rich protein 2
UniProt Protein Name	Cysteine and glycine-rich protein 2
UniProt Gene Name	CSRP2
UniProt Synonym Gene Names	LMO5; SMLIM; CRP2; LMO-5; SmLIM
UniProt Entry Name	CSRP2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/csrp2-antibody-immunohistochemistry-western-blot-elisa/285336>