

## Rabbit CSRP2 Polyclonal Antibody | anti-CSRP2 antibody

CSRP2 Antibody (Center)

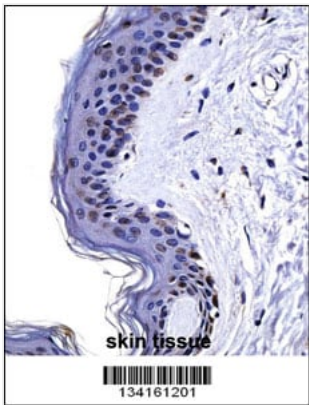
| CATALOG # | HOST   | REACTIVITY                           | APPLICATIONS                              |
|-----------|--------|--------------------------------------|-------------------------------------------|
| AAA285336 | Rabbit | Human (Predicted Reactivity: Bovine) | Immunohistochemistry, ELISA,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

### PRODUCT SYNONYMS

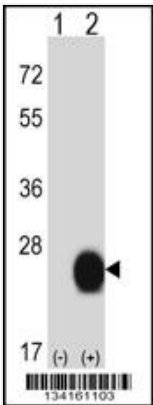
CSRP2; Polyclonal Antibody; CSRP2 Antibody (Center); Cysteine and glycine-rich protein 2; Cysteine-rich protein 2; CRP2; LIM domain only protein 5; LMO-5; Smooth muscle cell LIM protein; SmLIM; LMO5; SMLIM; anti-CSRP2 antibody

### PRODUCT SPECIFICATIONS

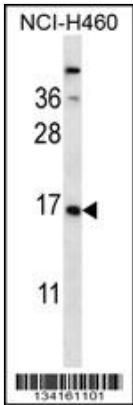
|                                                 |                                                                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Wang, M., et al. Cancer Biol. Ther. 1(5):556-563(2002)<br>Weiskirchen, R., et al. Biochem. J. 359 (PT 3), 485-496 (2001) :<br>Weiskirchen, R., et al. Biochem. Biophys. Res. Commun. 274(3):655-663(2000)<br>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 #        | <a href="#">NM_001321.2</a>                     |
| UniProt Accession #              | <a href="#">Q16527</a> ; <a href="#">Q93030</a> |
| 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                | <b>CSRP2</b>                                    |
| 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://stage.aaabiotech.com/polyclonal/psrp2-antibody-immunohistochemistry-western-blot-elisa/285336>