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CSRP2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14068c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q16527
Other Accession	Q32LE9, NP_001312.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34161
Calculated MW	20954
Antigen Region	68-96

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, SmLIM, CSRP2, LMO5, SMLIM
Target/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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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	CSRP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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

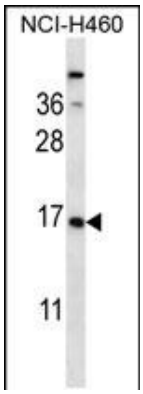
Background

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.

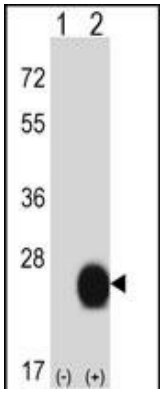
References

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Images

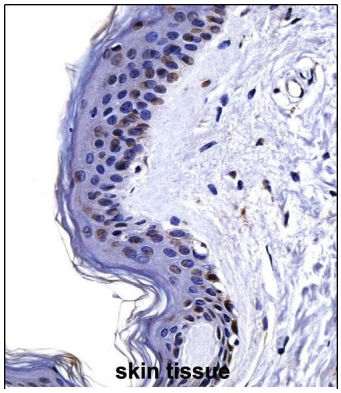


CSRP2 Antibody (Center) (Cat. #AP14068c) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CSRP2 antibody detected the CSRP2 protein (arrow).



Western blot analysis of CSRP2 (arrow) using rabbit polyclonal CSRP2 Antibody (Center) (Cat. #AP14068c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CSRP2 gene.

CSRP2 Antibody (Center) (AP14068c)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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.