

Rabbit anti-Human CSRP1 Polyclonal Antibody | anti-CSRP1 antibody

Anti-CSRP1 Antibody, Rabbit Polyclonal

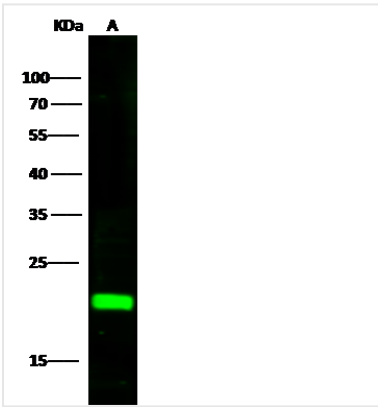
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255350	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

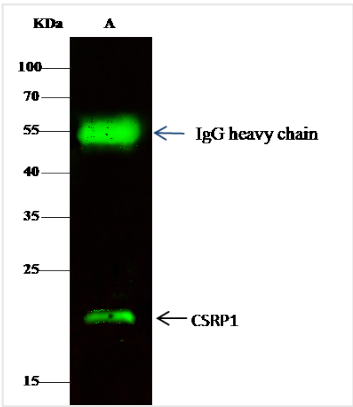
CSRP1; Polyclonal Antibody; Anti-CSRP1 Antibody; Rabbit Polyclonal; CSRP1/CRP1 Antibody; Rabbit PAb; Antigen Affinity Purified; cysteine and glycine-rich protein 1; Anti-CRP Antibody; Anti-CRP1 Antibody; Anti-CSRP Antibody; Anti-CYRP Antibody; Anti-D1S181E Antibody; Anti-HEL-141 Antibody; anti-CSRP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CSRP1/CRP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CSRP1 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CSRP1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CSRP1 (rh CSRP1). CSRP1 specific IgG was purified by human CSRP1 affinity chromatography .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-CSR1 rabbit polyclonal antibody at 1:500 dilutionLane A: Hela Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:21 kDaObserved band size:21 kDa



IP (Immunoprecipitation)
CSR1 was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell Lysate2 uL anti-CSR1 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-CSR1 rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 20 kDaObserved band size: 20 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CSR1 antibody	Cysteine and glycine-rich protein 1, also known as Cysteine-rich protein 1, CSR1 and CSR, is a member of the CSR family which may be involved in regulatory processes important for development and cellular differentiation. CSR1 contains twoLIM zinc-binding domains. The LIM/double zinc-finger motif found in CSR1 is found in a group of proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Zebrafish CSR1 is expressed in the mesendoderm and its derivatives. CSR1 interacts with Dishevelled 2 (Dvl2) and Diversin (Div), which control cell morphology and other dynamic cell behaviors via the noncanonical Wnt and JNK pathways. When CSR1 message is knocked down, abnormal convergent extension cell movement is induced, resulting in severe deformities in midline structures. In addition, cardiac bifida is induced as a consequence of defects in cardiac mesoderm cell migration. CSR1 acts as a key molecule of the noncanonical Wnt pathway, which orchestrates cell behaviors during dynamic morphogenetic movements of tissues and organs.
References	Wimmer, U. et al., 2005, Nucleic acids Res. 33 (18):5715-27. Miyasaka, KY.et al., 2007, Proc Natl Acad Sci USA. 104 (27): 11274-9. Zhou, C.Z. et al., 2008, Chin Med J. 121 (24): 2479-86. Lilly, B. et al., 2010, Arterioscler Thromb Vasc Biol. 30 (4):694-701.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758086
NCBI GeneID	1465
NCBI Accession #	NP_004069.1
NCBI GenBank Nucleotide #	NM_004078.2
UniProt Accession #	P21291; Q5U0J2; A8K268
Molecular Weight	20,567 Da
NCBI Official Full Name	cysteine and glycine-rich protein 1 isoform 1
NCBI Official Synonym Full Names	cysteine and glycine-rich protein 1
NCBI Official Symbol	CSR1
NCBI Official Synonym Symbols	CRP; CRP1; CSR; CYRP; D1S181E; HEL-141
NCBI Protein Information	cysteine and glycine-rich protein 1; LIM-domain protein; cysteine-rich protein 1; epididymis luminal protein 141
UniProt Protein Name	Cysteine and glycine-rich protein 1

UniProt Gene Name	CSRP1
UniProt Synonym Gene Names	CSRP; CYRP; CRP; CRP1
UniProt Entry Name	CSRP1_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/csrp1-antibody-immunoprecipitation-western-blot-elisa/255350>