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

Anti-CSRP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257176	**Rabbit**	**Mouse**	**Immunoprecipitation, ELISA, Western Blot**

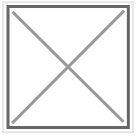
PRODUCT SYNONYMS

CSRP1; Polyclonal Antibody; Anti-CSRP1 Antibody; Rabbit Polyclonal; CSRP1 Antibody; Rabbit PAb; Antigen Affinity Purified; cysteine and glycine-rich protein 1; Anti-AA408841 Antibody; Anti-AA959891 Antibody; Anti-AW545626 Antibody; Anti-CRP1 Antibody; Anti-Csrp Antibody; anti-CSRP1 antibody

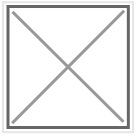
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CSRP1
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 Mouse CSRP1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CSRP1. CSRP1 specific IgG was purified by Mouse 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.

IMAGES



WB (Western Blot)
Anti-CSRP1 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)
Mouse CSRP1 was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell Lysate2 uL anti-Mouse CSRP1 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-Mouse CSRP1 rabbit polyclonal antibody,at 1:200 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: 21 kDaObserved band size: 21 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CSRP1 antibody	Cysteine and glycine-rich protein 1, also known as Cysteine-rich protein 1, CSRP1 and CSRP, is a member of the CSRP family which may be involved in regulatory processes important for development and cellular differentiation. CSRP1 contains twoLIM zinc-binding domains. The LIM/double zinc-finger motif found in CSRP1 is found in a group of proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Zebrafish CSRP1 is expressed in the mesendoderm and its derivatives. CSRP1 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 CSRP1 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. CSRP1 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 #	6681069
NCBI GeneID	13007
NCBI Accession #	NP_031817.1
NCBI GenBank Nucleotide #	NM_007791.5
UniProt Accession #	P97315
Molecular Weight	20,583 Da
NCBI Official Full Name	cysteine and glycine-rich protein 1
NCBI Official Synonym Full Names	cysteine and glycine-rich protein 1
NCBI Official Symbol	Csrp1
NCBI Official Synonym Symbols	CRP1; Csrp; AA408841; AA959891; AW545626
NCBI Protein Information	cysteine and glycine-rich protein 1; CRP; cysteine rich protein 1; cysteine-rich protein 1
UniProt Protein Name	Cysteine and glycine-rich protein 1
UniProt Gene Name	**Csrp1**
UniProt Synonym Gene Names	Crp1; Csrp; CRP; CRP1
UniProt Entry Name	CSRP1_MOUSE

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/csrp1-antibody-immunoprecipitation-western-blot-elisa/257176