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Datasheet for ABIN1714086
anti-CSRP2 antibody (AA 101-193)

Overview

Quantity:	100 µL
Target:	CSRP2
Binding Specificity:	AA 101-193
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSRP2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CSRP2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CSRP2
Alternative Name:	CSRP2 (CSRP2 Products)

Target Details

Background: Synonyms: CRP 2, CRP2, CSRP2, CSRP2_HUMAN, Cysteine and glycine rich protein 2, Cysteine and glycine-rich protein 2, Cysteine rich protein 2, Cysteine-rich protein 2, LIM domain only 5 smooth muscle, LIM domain only protein 5, LMO 5, LMO-5, LMO5, SmLIM, Smooth muscle cell LIM protein.

Background: CRP2 is a 193 amino acid nuclear protein that belongs to the CRP family of LIM domain proteins. Highly expressed in smooth muscle of aorta, CRP2 is thought to have a role in embryonic vascular system development and is downregulated following cell injury or PDGF-B exposure. CRP2 contains two LIM zinc-binding domains and is encoded by a gene that maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.

Gene ID: 1466

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months