For Research Use Only

CSRP3 Polyclonal antibody

Catalog Number:10721-1-AP 4 Publications

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Basic Information

Catalog Number:
10721-1-AP

Size:
150ul , Concentration: 400 µg/ml by Nanodrop and 150 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1136

GenBank Accession Number:
BC005900

GeneID (NCBI):
8048

UNIPROT ID:
P50461

Full Name:
cysteine and glycine-rich protein 3 (cardiac LIM protein)

Calculated MW:
21 kDa

Observed MW:
21 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:20-1:200

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, human heart tissue, rat heart tissue

IP : mouse heart tissue,

IHC : human heart tissue, human pancreas cancer tissue

Notable Publications

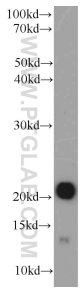
Author	Pubmed ID	Journal	Application
Hao Huang	34558151	J Gene Med	IHC
Aymeric Ravel-Chapuis	28369518	Hum Mol Genet	WB
Julia Straubinger	28138039	FASEB J	WB

Storage

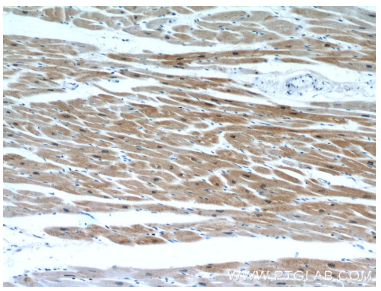
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

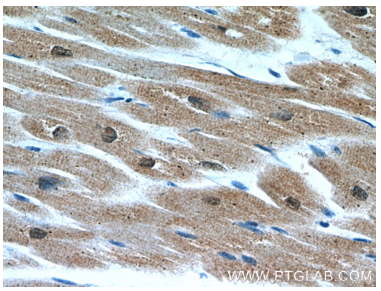
Selected Validation Data



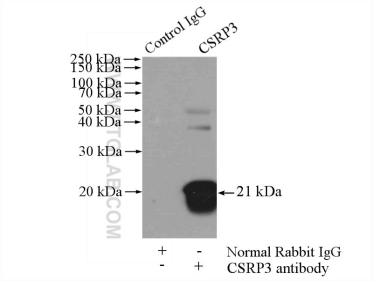
mouse heart tissue were subjected to SDS PAGE followed by western blot with 10721-1-AP (CSRP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 10721-1-AP (CSRP3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 10721-1-AP (CSRP3 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-CSRP3 (IP:10721-1-AP, 4ug; Detection:10721-1-AP 1:2000) with mouse heart tissue lysate 4000ug.