

For Research Use Only

CCS Polyclonal antibody

Catalog Number: 22802-1-AP 3 Publications



Basic Information

Catalog Number:

22802-1-AP

Size:

150ul, Concentration: 900 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18850

GenBank Accession Number:

BC105016

GeneID (NCBI):

9973

Full Name:

copper chaperone for superoxide dismutase

Calculated MW:

274 aa, 29 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

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 : HepG2 cells,

IP : HepG2 cells,

IHC : mouse brain tissue,

IF : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Rashim Pal Singh	32416059	Cell Stem Cell	WB
Sarah E Antinone	28120938	Sci Rep	WB
Nadine Bakkar	33359139	Neurobiol Dis	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

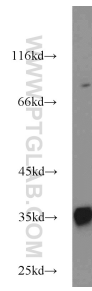
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

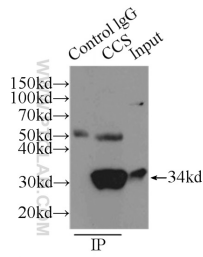
E: proteintech@ptglab.com
W: ptglab.com

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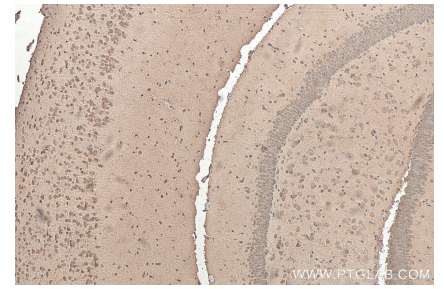
Selected Validation Data



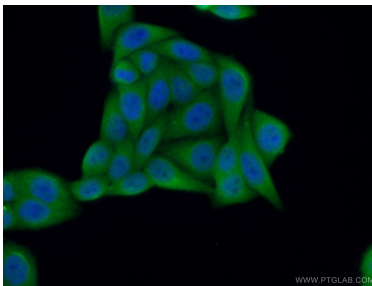
HepG2 cells were subjected to SDS PAGE followed by western blot with 22802-1-AP (CCS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-CCS (IP:22802-1-AP, 3ug; Detection:22802-1-AP 1:1000) with HepG2 cells lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 22802-1-AP (CCS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 22802-1-AP (CCS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).