For Research Use Only

CYTSA Polyclonal antibody

Catalog Number:25390-1-AP 8 Publications

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Basic Information

Catalog Number:
25390-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21896

GenBank Accession Number:
BC136471

GeneID (NCBI):
23384

UNIPROT ID:
Q69YQ0

Full Name:
cytospin A

Calculated MW:
1117 aa, 125 kDa

Observed MW:
130 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:50-1:500

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IF, IP

Species Specificity:
human, mouse

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 : NIH/3T3 cells, HeLa cells, mouse brain tissue, Neuro-2a cells

IP : mouse brain tissue,

IHC : mouse brain tissue,

Background Information

CYTSA, also named as SPECC1L or KIAA0376, is a 1117 amino acid protein, which contains one CH domain and belongs to the cytospin-A family. CYTSA localizes in the cytoplasm and is involved in cytokinesis and spindle organization. CYTSA may play a role in actin cytoskeleton organization and microtubule stabilization, hence it is required for proper cell adhesion and migration.

Notable Publications

Author	Pubmed ID	Journal	Application
Jeremy P Goering	34302166	Hum Mol Genet	WB,IF
Virja Mehta	36634848	J Biol Chem	WB,IF,IP
Takashi Hotta	35963242	Curr Biol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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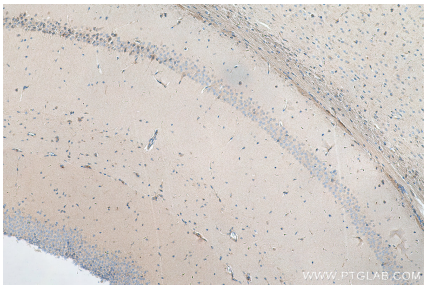
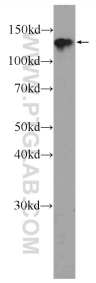
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

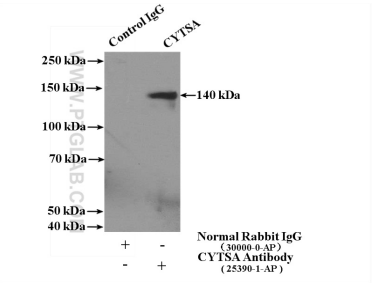
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25390-1-AP (CYTSA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 25390-1-AP (CYTSA Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-CYTSA (IP:25390-1-AP, 4ug; Detection:25390-1-AP 1:1000) with mouse brain tissue lysate 4000ug.