

For Research Use Only

CYTSA Polyclonal antibody

Catalog Number: 25390-1-AP **4 Publications**



Basic Information

Catalog Number: 25390-1-AP	GenBank Accession Number: BC136471	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23384	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB IHC 1:50-1:500
Source: Rabbit	Full Name: cytospin A	
Isotype: IgG	Calculated MW: 1117 aa, 125 kDa	
Immunogen Catalog Number: AG21896	Observed MW: 130 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : NIH/3T3 cells, HeLa cells, mouse brain tissue, Neuro-2a cells
Cited Applications: IF, IP, WB	IP : mouse brain tissue,
Species Specificity: human, mouse	IHC : mouse brain tissue,
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

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

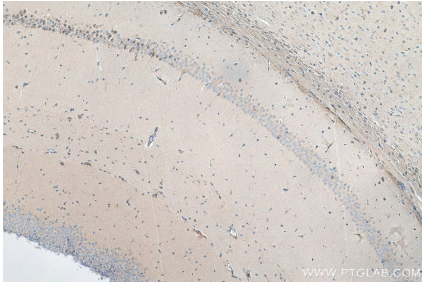
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

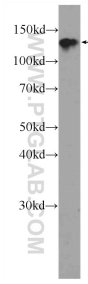
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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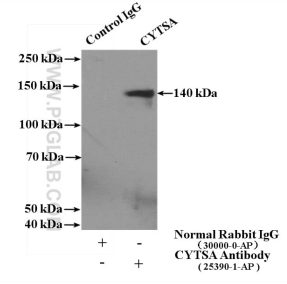
Selected Validation Data



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 1:1.000) with mouse brain tissue lysate 4000ug.