

For Research Use Only

STYXL1 Polyclonal antibody

Catalog Number: 16433-1-AP

2 Publications



Basic Information

Catalog Number:

16433-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9743

GenBank Accession Number:

BC024035

GeneID (NCBI):

51657

UNIPROT ID:

Q9Y6J8

Full Name:

serine/threonine/tyrosine interacting-like 1

Calculated MW:

313 aa, 36 kDa

Observed MW:

25-36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : NCI-H1299 cells, PC-12 cells, mouse testis tissue, rat testis tissue

IF/ICC : HeLa cells,

Background Information

STYXL1, Serine/threonine/tyrosine-interacting-like protein 1, is an inner mitochondrial membrane protein that plays a role in induction of stimulus-dependent apoptosis via the intrinsic apoptotic pathway (PMID: 21262771). STYXL1 catalyzes inactive phosphatase (PMID: 20180778, PMID: 23163895). By binding to G3BP1, STYXL1 inhibits the formation of G3BP1-induced stress granules (PMID: 20180778, PMID: 23163895).

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Fang	35541892	Int J Biol Sci	WB
Xue Han	37757635	Int Immunopharmacol	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

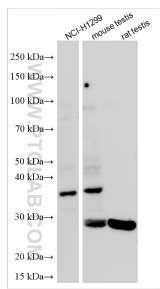
For technical support and original validation data for this product please contact:

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

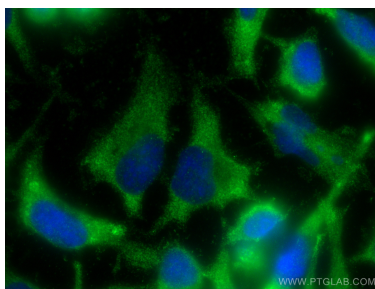
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16433-1-AP (STYXL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using STYXL1 antibody (16433-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).