

For Research Use Only

STARD10 Monoclonal antibody

Catalog Number: 68554-1-Ig



Basic Information

Catalog Number:

68554-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG10932

GenBank Accession Number:

BC007919

GeneID (NCBI):

10809

UNIPROT ID:

Q9Y365

Full Name:

StAR-related lipid transfer (START) domain containing 10

Calculated MW:

291 aa, 33 kDa

Observed MW:

35-40 kDa

Purification Method:

Protein G purification

CloneNo.:

1B9A1

Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Species Specificity:

Human, mouse, rat, rabbit, pig

Positive Controls:

WB : SK-BR-3 cells, MCF-7 cells, T-47D cells, LNCaP cells, rat liver tissue, mouse liver tissue, pig liver tissue, rabbit liver tissue, rabbit testis tissue

IP : HepG2 cells,

IF/ICC : HeLa cells,

Background Information

STARD10 (START domain-containing protein 10, also known as PCTP-like protein) is highly expressed in liver and responsible to transfer phosphatidylcholine. STARD10 was identified as a protein overexpressed in breast cancer that cooperates with the ErbB family of receptor tyrosine kinases in cellular transformation (PMID: 15911624). This antibody detected duplicate bands between 35-40 kDa (PMID: 15150109).

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

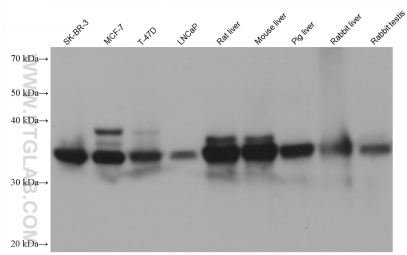
For technical support and original validation data for this product please contact:

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

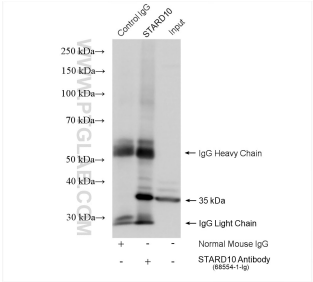
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

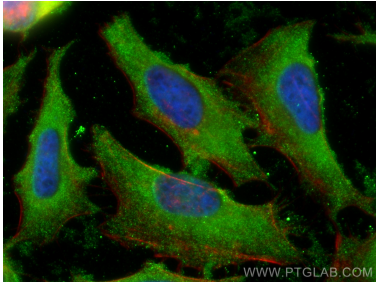
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68554-1-Ig (STARD10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-STARD10 (IP:68554-1-Ig, 4ug; Detection:68554-1-Ig 1:6000) with HepG2 cells lysate 1480 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using STARD10 antibody (68554-1-Ig, Clone: 1B9A1) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).