

For Research Use Only

SEPT6 Monoclonal antibody

Catalog Number: 68173-1-Ig



Basic Information

Catalog Number:

68173-1-Ig

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG32736

GenBank Accession Number:

BC036240

GeneID (NCBI):

23157

UNIPROT ID:

Q14141

Full Name:

septin 6

Calculated MW:

434 aa, 50 kDa

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

1B1G1

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

Human, mouse, pig, rabbit, rat

Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, Pig brain tissue, Rabbit brain tissue, Rat brain tissue, Mouse brain tissue

IF/ICC : HEK-293 cells,

Background Information

Septin 6 belongs to the septins family which are conserved GTP-binding proteins functioning as dynamic, regulatable scaffolds for the recruitment of other proteins. They are involved in membrane dynamics, vesicle trafficking, apoptosis, and cytoskeletal remodeling. Septin 6 also interacts with hepatitis C virus (HCV) NS5b RNA polymerase and NS5b-binding protein (HNRNPA1) and may play a role in HCV RNA replication.

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

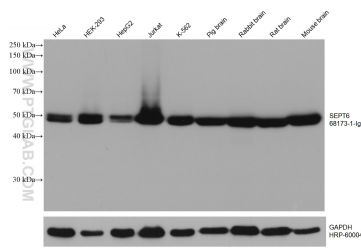
For technical support and original validation data for this product please contact:

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

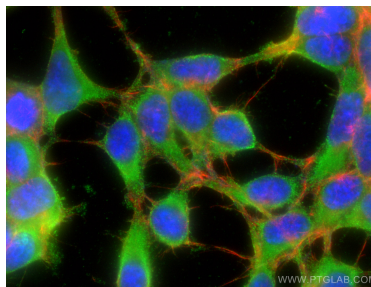
E: proteintech@ptglab.com
W: ptglab.com

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 68173-1-Ig (SEPT6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using SEPT6 antibody (68173-1-Ig, Clone: 1B1G1) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).