

For Research Use Only

SEPT6 Monoclonal antibody

Catalog Number: 68173-1-Ig



Basic Information

Catalog Number: 68173-1-Ig	GenBank Accession Number: BC036240	Purification Method: Protein G purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 23157	CloneNo.: 1B1G1
Source: Mouse	Full Name: septin 6	Recommended Dilutions: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 434 aa, 50 kDa	
Immunogen Catalog Number: AG32736	Observed MW: 50 kDa	

Applications

Tested Applications:

IF, WB, 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 : 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

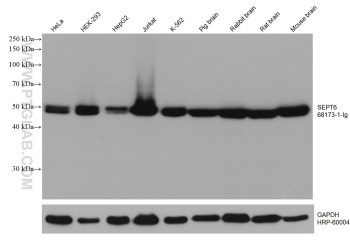
For technical support and original validation data for this product please contact:

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

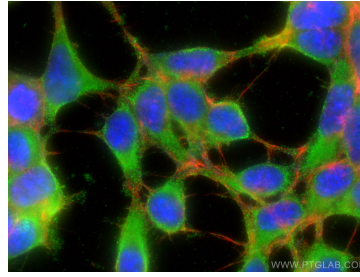
E: proteintech@ptglab.com
W: ptglab.com

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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 AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).