

For Research Use Only

SAP 97 Polyclonal antibody, PBS Only

Catalog Number: 29292-1-PBS

Featured Product



Basic Information

Catalog Number:

29292-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31066

GenBank Accession Number:

NM_001098424

GeneID (NCBI):

1739

UNIPROT ID:

Q12959

Full Name:

discs, large homolog 1 (Drosophila)

Calculated MW:

100 kDa

Observed MW:

100-130 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

DLG1, also named as SAP97, hDlg and DLGH1, belongs to the MAGUK family. It is essential multidomain scaffolding protein required for normal development. DLG1 may play a role in adherens junction assembly, signal transduction, cell proliferation, synaptogenesis and lymphocyte activation. It regulates the excitability of cardiac myocytes by modulating the functional expression of Kv4 channels. DLG1 is a functional regulator of Kv1.5 channel. The DLG1-MPP7 complex promotes epithelial cell polarity and tight junction formation. The antibody is specific to DLG1.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

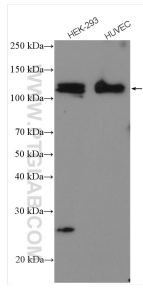
For technical support and original validation data for this product please contact:

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

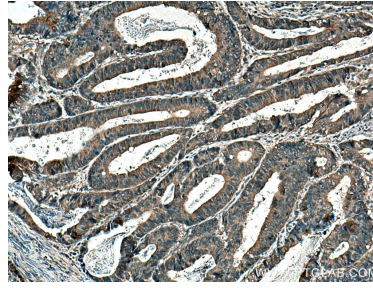
E: proteintech@ptglab.com
W: ptglab.com

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

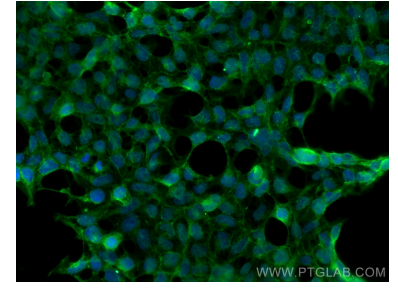
Selected Validation Data



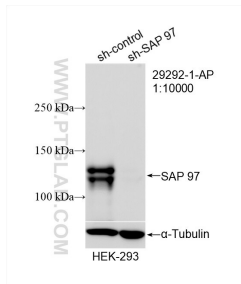
Various lysates were subjected to SDS PAGE followed by western blot with 29292-1-AP (DLG1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29292-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29292-1-AP (DLG1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29292-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using SAP 97 antibody (29292-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 29292-1-PBS in a different storage buffer formulation.



WB result of SAP 97 antibody (29292-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SAP 97 transfected HEK-293 cells. This data was developed using the same antibody clone with 29292-1-PBS in a different storage buffer formulation.