

For Research Use Only

SNX29 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86446-1-PBS

Featured Product



Basic Information

Catalog Number:

86446-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32618

GenBank Accession Number:

XM_011522738

GeneID (NCBI):

92017

UNIPROT ID:

Q8TEQ0

Full Name:

sorting nexin 29

Calculated MW:

91kd

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

251222A2

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

Sorting nexins are a diverse group of cytoplasmic and membrane-associated proteins classified by the presence of a phospholipid-binding motif PX domain (PMID:12461558). They are involved in endocytosis and protein trafficking. SNX29 (Sorting nexin 29) is associated with bipolar disorder (BPD) and major depressive disorder (MDD) in the Han population (PMID: 33143498). The expression of SNX29 is significantly upregulated in most tumor tissues, and its expression is associated with the progression, immune infiltration and drug sensitivity of various cancers (PMID: 36829159).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

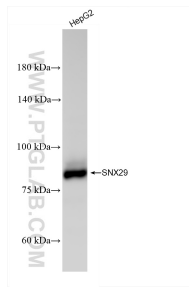
T: 4006900926

E: Proteintech-CN@ptglab.com

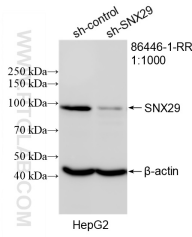
W: ptgcn.com

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

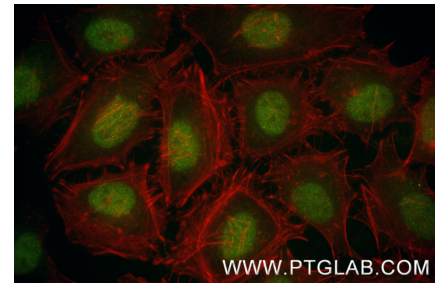
Selected Validation Data



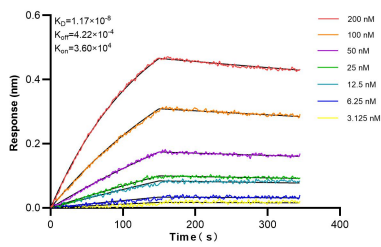
HepG2 cells were subjected to SDS PAGE followed by western blot with 86446-1-RR (SNX29 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86446-1-PBS in a different storage buffer formulation.



WB result of SNX29 antibody (86446-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SNX29 transfected HepG2 cells. This data was developed using the same antibody clone with 86446-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SNX29 antibody (86446-1-RR, Clone: 251222A2) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86446-1-PBS in a different storage buffer formulation.



Bioluminescence resonance energy transfer (BLI) kinetic assays of 86446-1-RR against Human SNX29 were performed. The affinity constant is 11.7 nM.