

For Research Use Only

# SNX29 Recombinant monoclonal antibody

Catalog Number: 86446-1-RR

Featured Product



## Basic Information

**Catalog Number:**

86446-1-RR

**Size:**

100ul , Concentration: 1000 µg/ml by Nanodrop;

**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

**Recommended Dilutions:**

WB: 1:1000-1:6000

IF/ICC: 1:500-1:2000

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HepG2 cells,

IF/ICC : HeLa cells,

## 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 -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

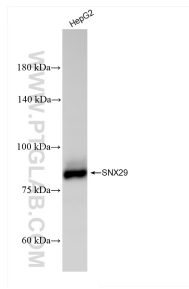
For technical support and original validation data for this product please contact:

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

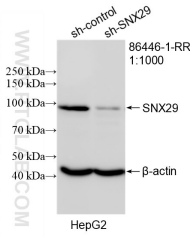
E: proteintech@ptglab.com  
W: ptglab.com

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

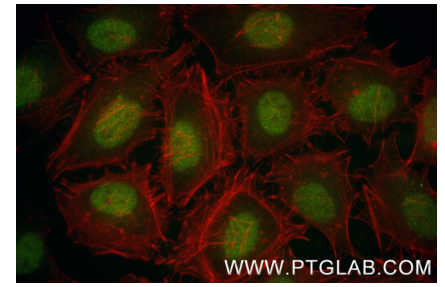
## Selected Validation Data



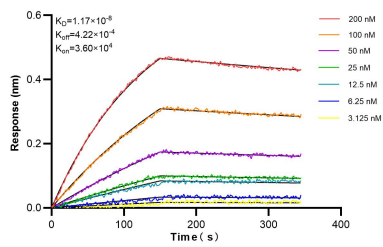
HepG2 cells were subjected to SDS PAGE followed by western blot with 86446-1-RR (SNX29 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.



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).



Biolayer interferometry (BLI) kinetic assays of 86446-1-RR against Human SNX29 were performed. The affinity constant is 11.7 nM.