

For Research Use Only

SNX2 Polyclonal antibody, PBS Only

Catalog Number:11737-1-PBS



Basic Information

Catalog Number:

11737-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2259

GenBank Accession Number:

BC003382

GeneID (NCBI):

6643

UNIPROT ID:

O60749

Full Name:

sorting nexin 2

Calculated MW:

519 aa, 58 kDa

Observed MW:

~70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Sorting nexin 2 (SNX2) belongs to the sorting nexin family, characterized by the presence of a phox (PX) domain that binds phosphoinositides and mediates intracellular trafficking. It regulates the cell-surface expression and degradation of epidermal growth factor receptor (EGFR) through endosomal sorting (PMID: 14978220). SNX2 also participates in retrograde transport from endosomes to the trans-Golgi network and maintains cellular homeostasis (PMID: 38033809).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

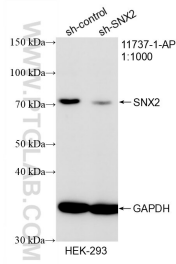
For technical support and original validation data for this product please contact:

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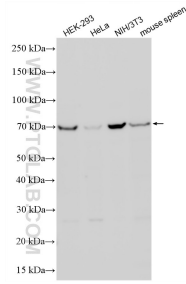
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Selected Validation Data



WB result of SNX2 antibody (11737-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SNX2 transfected HEK-293 cells. This data was developed using the same antibody clone with 11737-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 11737-1-AP (SNX2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11737-1-PBS in a different storage buffer formulation.