

For Research Use Only

ERBB2IP Monoclonal antibody, PBS Only



Catalog Number: 68159-1-PBS

Featured Product

Basic Information

Catalog Number:

68159-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18514

GenBank Accession Number:

BC115012

GeneID (NCBI):

55914

UNIPROT ID:

Q96RT1

Full Name:

erbb2 interacting protein

Calculated MW:

1412 aa, 158 kDa

Observed MW:

150-180 kDa

Purification Method:

Protein A purification

CloneNo.:

1A8D4

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, rat

Background Information

ERBB2IP is a cytoplasmic protein that contains leucine-rich repeats (LRR) and PSD95/Dlg1/zo-1 (PDZ) domain (thus named a LAP protein). ERBB2IP interacts, via its single PDZ domain, specifically with ErbB2, but not with ErbB3, ErbB4, or EGFR. It is colocalized with ErbB2 at the basolateral membranes of epithelial cells. In addition, ERBB2IP also interacts with PSD-95, Lano and with three p120-related catenins, eBPAG1 and the β 4 subunit of the α 6 β 4 integrin, two major components of hemidesmosomes. The molecular weight of ERBB2IP was predicted 150-180 kDa by Western Blot. (PMID: 25288731, PMID: 24252174, PMID: 19289088)

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

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

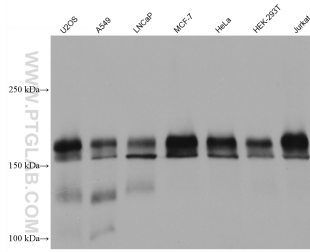
T: 4006900926

E: Proteintech-CN@ptglab.com

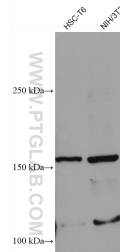
W: ptgcn.com

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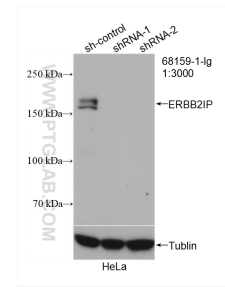
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68159-1-Ig (ERBB2IP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68159-1-PBS in a different storage buffer formulation.



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WB result of ERBB2IP antibody (68159-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ERBB2IP transfected HeLa cells. This data was developed using the same antibody clone with 68159-1-PBS in a different storage buffer formulation.