

For Research Use Only

HABP4 Polyclonal antibody

Catalog Number: 33317-1-AP



Basic Information

Catalog Number:

33317-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG39922

GenBank Accession Number:

NM_014282.3

GeneID (NCBI):

22927

UNIPROT ID:

Q5JVS0

Full Name:

hyaluronan binding protein 4

Calculated MW:

46kDa, 413aa

Observed MW:

57 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A-204 cells, DU 145 cells, HepG2 cells, PANC-1 cells, SKOV-3 cells

Background Information

HABP4 (hyaluronic acid binding protein 4) is an intracellular regulatory protein, with a molecular weight of about 57 kDa (PMID: 33245729), which is rich in positively charged amino acids and can bind with negatively charged macromolecules such as RNA and hyaluronic acid. It has SUMO binding activity, participates in PML tissue, negatively regulates DNA binding activity, and positively regulates gene expression. In addition, HABP4 has a complex interaction network in cells, and has undergone a variety of post-translational modifications, including serine/threonine phosphorylation, arginine methylation and SUMO.

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

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

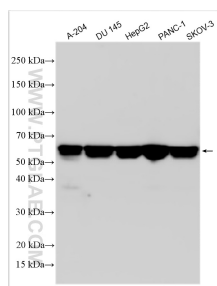
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33317-1-AP (HABP4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.