

For Research Use Only

B7-H6 Polyclonal antibody

Catalog Number: 27428-1-AP

Featured Product



Basic Information

Catalog Number:

27428-1-AP

Concentration:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26532

GenBank Accession Number:

BC136800

GeneID (NCBI):

374383

UNIPROT ID:

Q68D85

Full Name:

hypothetical protein

DKFZp686O24166

Calculated MW:

51 kDa

Observed MW:

75-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells

Background Information

B7-H6, also known as NCR3LG1, is a member of the B7 family of immunoreceptors. It is a 454-aa-long type I transmembrane protein consisting of an extracellular region, a transmembrane segment, and a cytoplasmic domain which contains an immunoreceptor tyrosine-based inhibitory motif (ITIM), an SH2-binding domain, and an SH3-binding motif. B7-H6 triggers Nkp30-mediated activation of human NK cells (PMID: 19528259). It has been reported that B7H6 is expressed in various types of tumor cells and plays a prominent role in natural killer cell immunosurveillance (PMID: 35697295). The apparent molecular weight of B7-H6 is larger than the calculated molecular weight of 51 kDa due to glycosylation (PMID: 19528259).

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:

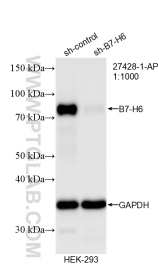
T: 4006900926

E: Proteintech-CN@ptglab.com

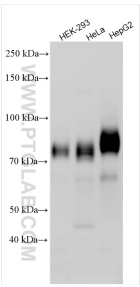
W: ptgcn.com

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Selected Validation Data



WB result of B7-H6 antibody (27428-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-B7-H6 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 27428-1-AP (B7H6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.