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B7H6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18769b

Product Information

Application	WB, E
Primary Accession	Q68D85
Other Accession	NP_001189368.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38698
Calculated MW	50827
Antigen Region	389-415

Additional Information

Gene ID	374383
Other Names	Natural cytotoxicity triggering receptor 3 ligand 1, B7 homolog 6, B7-H6, NCR3LG1, B7H6
Target/Specificity	This B7H6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 389-415 amino acids from the C-terminal region of human B7H6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	B7H6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

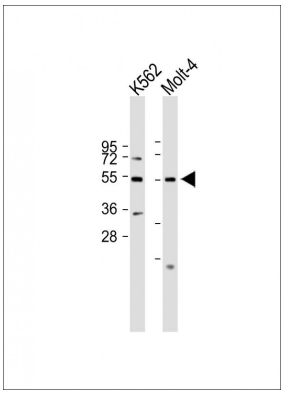
Name	NCR3LG1
Synonyms	B7H6
Function	Triggers NCR3-dependent natural killer cell activation.

Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Not detected in any normal tissue tested. Expressed at the surface of several tumor cell lines including T and B-lymphomas, myeloid leukemias, melanomas, carcinomas and large T SV40 antigen- transformed cells (at protein level).

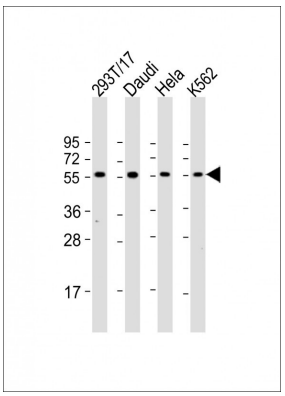
Background

Triggers NCR3-dependent natural killer cell activation.

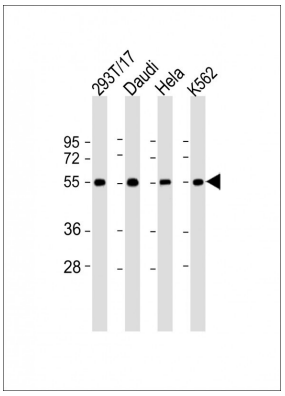
Images



All lanes : Anti-B7H6 Antibody (C-term) at 1:500-1:1000 dilution Lane 1: K562 whole cell lysate Lane 2: Molt-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 53kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-B7H6 Antibody (C-term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: Daudi whole cell lysate Lane 3: Hela whole cell lysate Lane 4: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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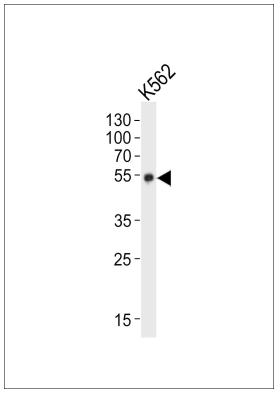
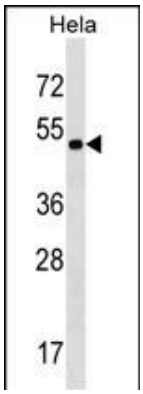
Western blot analysis of lysate from K562 cell line, using B7H6 Antibody (C-term)(Cat. #AP18769b). AP18769b was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.





B7H6 Antibody (C-term)(Cat. #AP18769b) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the B7H6 antibody detected the B7H6 protein (arrow).

Citations

- B7-H6 expression is induced by lipopolysaccharide and facilitates cancer invasion and metastasis in human gliomas.