Product Name: NKp30 Rabbit Polyclonal Antibody
Catalog #: APRab14723

Summary

Production Name	NKp30 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NCR3
Alternative Names	NCR3; 1C7; LY117; Natural cytotoxicity triggering receptor 3; Activating natural killer receptor p30; Natural killer cell p30-related protein; NK-p30; NKp30; CD antigen CD337
Gene ID	259197.0
SwissProt ID	O14931.The antiserum was produced against synthesized peptide derived from human NCR3. AA range:104-153

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:40000.
Molecular Weight	30kD

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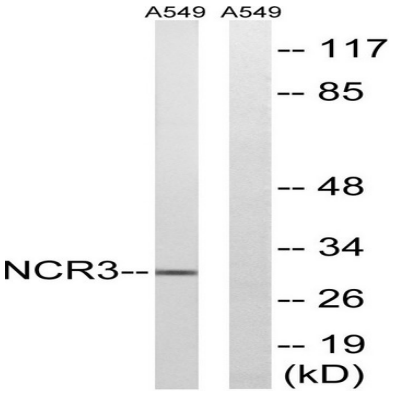
Background

The protein encoded by this gene is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria suceptibility. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010],function:Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.,polymorphism:A genetic variation in NCR3 is associated with mild malaria suceptibility [MIM:609148].,similarity:Belongs to the natural cytotoxicity receptor (NCR) family.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,subunit:Interacts with CD3Z.,tissue specificity:Selectively expressed by all resting and activated NK cells and weakly expressed in spleen.,

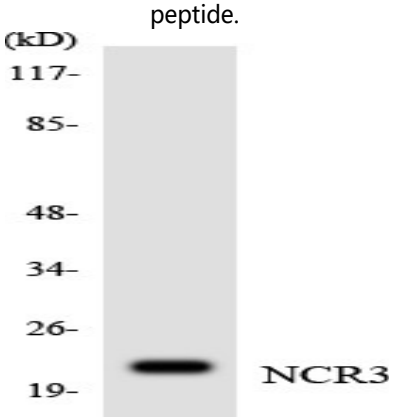
Research Area

Natural killer cell mediated cytotoxicity;

Image Data



Western blot analysis of lysates from A549 cells, using NCR3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using NCR3 antibody.

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Note

For research use only.