

NCR3 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22356a

Specification

NCR3 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	O14931
Other Accession	P61484
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	21593

NCR3 Antibody (N-Term) - Additional Information

Gene ID 259197

Other Names

Natural cytotoxicity triggering receptor 3, Activating natural killer receptor p30, Natural killer cell p30-related protein, NK-p30, NKp30, CD337, NCR3, 1C7, LY117

Target/Specificity

This NCR3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 31-65 amino acids from the human region of human NCR3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

NCR3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NCR3 Antibody (N-Term) - Protein Information

Name NCR3 ([HGNC:19077](#))

Synonyms 1C7, LY117

Function Cell membrane receptor of natural killer/NK cells that is activated by binding of extracellular ligands including BAG6 and NCR3LG1. Stimulates NK cells cytotoxicity toward neighboring cells producing these ligands. It controls, for instance, NK cells cytotoxicity against tumor cells. Engagement of NCR3 by BAG6 also promotes myeloid dendritic cells (DC) maturation, both through killing DCs that did not acquire a mature phenotype, and inducing the release by NK cells of TNFA and IFNG which promote DC maturation.

Cellular Location

Cell membrane; Single-pass type I membrane protein

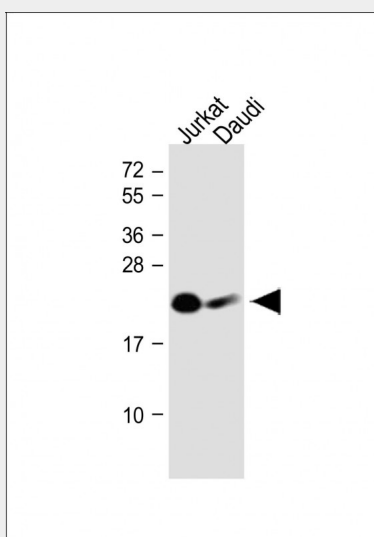
Tissue Location

Selectively expressed by all resting and activated NK cells and weakly expressed in spleen. {ECO:0000269|PubMed:10562324, ECO:0000269|Ref.2}

NCR3 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NCR3 Antibody (N-Term) - Images

All lanes : Anti-NCR3 Antibody (N-Term) at 1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: Daudi 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 : 22 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

NCR3 Antibody (N-Term) - Background

Cytotoxicity-activating receptor that contributes to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. Engagement of NCR3 by BAG6 also promotes dendritic cell (DC) maturation, both through killing those DCs that did not properly acquire a mature phenotype, and inducing NK cells to release TNFA and IFNG, which promotes DC maturation.

NCR3 Antibody (N-Term) - References

Pende D.,et al.J. Exp. Med. 190:1505-1516(1999).
Sato M.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.
Neville M.J.,et al.J. Immunol. 162:4745-4754(1999).
Nalabolu S.R.,et al.Genomics 31:215-222(1996).
Xie T.,et al.Genome Res. 13:2621-2636(2003).