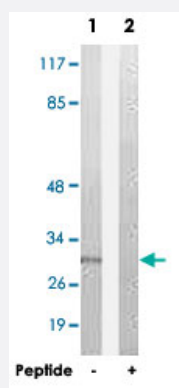


# NCR3 polyclonal antibody

Catalog # PAB17794

Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from A-549 cells, using NCR3 polyclonal antibody (Cat # PAB17794).

Peptide "+" means "with peptide blocking".

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of NCR3.

**Immunogen** A synthetic peptide corresponding to internal of human NCR3.

**Host** Rabbit

**Reactivity** Human, Rat

**Specificity** This antibody detects endogenous levels of total NCR3 protein

**Form** Liquid

**Recommend Usage** Western Blot (1:500-1:1000)  
ELISA (1:40000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)

**Storage Instruction** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from A-549 cells, using NCR3 polyclonal antibody (Cat # PAB17794).  
Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — NCR3

|                    |                                                                                                                                                                                                                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">259197</a>                                                                                                                                                                                                                                                                                                                     |
| Protein Accession# | <a href="#">O14931</a>                                                                                                                                                                                                                                                                                                                     |
| Gene Name          | NCR3                                                                                                                                                                                                                                                                                                                                       |
| Gene Alias         | 1C7, CD337, LY117, MALS, NKp30                                                                                                                                                                                                                                                                                                             |
| Gene Description   | natural cytotoxicity triggering receptor 3                                                                                                                                                                                                                                                                                                 |
| Omim ID            | <a href="#">611550</a>                                                                                                                                                                                                                                                                                                                     |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                  |
| Gene Summary       | Natural cytotoxicity receptors (NCRs), such as NCR3, are activating natural killer (NK) cell receptors that belong to the immunoglobulin (Ig) superfamily. NCR3 is expressed in all resting and activated NK cells and forms a complex with CD3-zeta (CD3Z, or CD247; MIM 186780) (Sato et al., 2001 [PubMed 11782277]).[supplied by OMIM] |
| Other Designations | OTTHUMP00000029162 OTTHUMP00000038859 OTTHUMP00000038863 lymphocyte antigen 117                                                                                                                                                                                                                                                            |

## Publication Reference

- [Identification of the fungal ligand triggering cytotoxic PRR-mediated NK cell killing of Cryptococcus and Candida.](#)

Li SS, Ogbomo H, Mansour MK, Xiang RF, Szabo L, Munro F, Mukherjee P, Mariuzza RA, Amrein M, Vyas JM, Robbins SM, Mody CH.

Nature Communications 2018 Feb; 9:751.

Application: IF, C. neoformans, C. albicans, Human, C. neoformans, C. albicans, YT cells

## Pathway

- [Natural killer cell mediated cytotoxicity](#)

## Disease

- [Abortion](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Obesity](#)
- [Retinal Detachment](#)
- [Vitreoretinopathy](#)