



## Rabbit Anti-NCR1 antibody

SL21362R

<b>Product Name:</b>	NCR1
<b>Chinese Name:</b>	细胞毒性受体NK-p46抗体
<b>Alias:</b>	Natural killer cell p46-related protein; Natural cytotoxicity triggering receptor 1; NK-p46; NKp46; NK cell-activating receptor; Lymphocyte antigen 94 homolog; CD335; CD335; LY94; NCTR1_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	31kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NCR1 :198-206/304<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The natural cytotoxicity receptors (NCRs) are a recently characterized family of Ig-like activation receptors that appear to be major triggering receptors in tumor cell recognition. NCR1 is a glycoprotein that has two extracellular Ig-like domains followed by a ~40 amino acid residue stalk region, a type I transmembrane domain, and a short

cytoplasmic tail. NCR1 has been shown to represent a novel NK cell-specific molecule involved in human NK cell activation. NCR1 has been implicated in NK cell-mediated lysis of several autologous tumor cells and pathogen-infected cell lines.

**Function:**

Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.

**Subunit:**

Interacts with CD247 and FCER1G.

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein.

**Tissue Specificity:**

Selectively expressed by both resting and activated NK cells.

**Similarity:**

Belongs to the natural cytotoxicity receptor (NCR) family.  
Contains 2 Ig-like (immunoglobulin-like) domains.

**SWISS:**

O76036

**Gene ID:**

9437

**Database links:**

[Entrez Gene: 9437](#)Human

[Entrez Gene: 17086](#)Mouse

[Entrez Gene: 117547](#)Rat

[Omim: 604530](#)Human

[SwissProt: O76036](#)Human

[SwissProt: Q8C567](#)Mouse

[SwissProt: Q9Z0H5](#)Rat

[Unigene: 97084](#)Human

[Unigene: 240231](#)Mouse

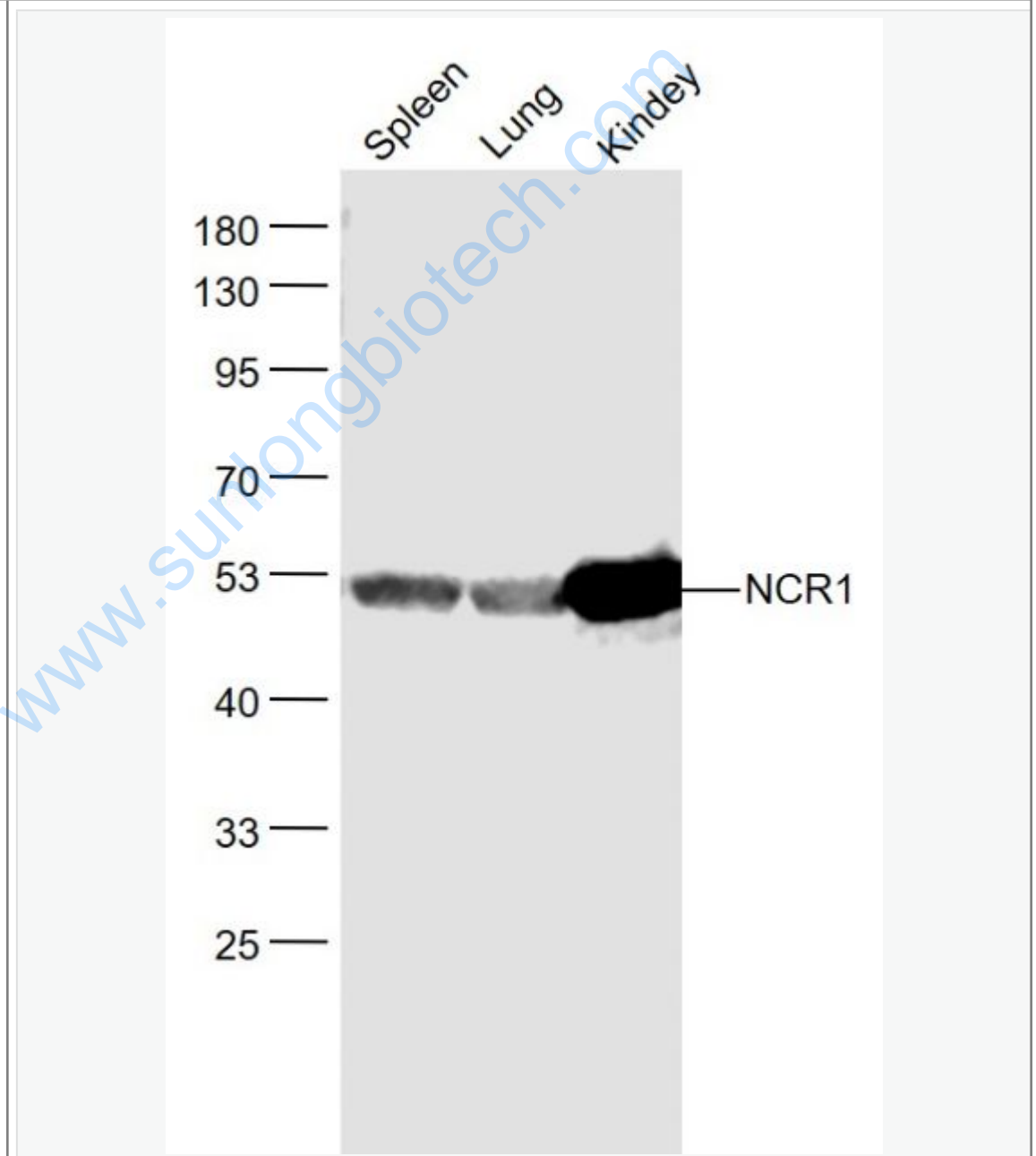
[Unigene: 30049](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

NKp46是很重要的自然细胞毒受体，在自然杀伤作用中起关键作用。细胞毒性受体家族(NCRs)主要有：NKp46、NKp44和NKp30，其中NKp46和NKp30表达于所有静止和活化的NK细胞，而NKp44则选择性的表达于活化的NK细胞。靶细胞上的配体分子与NCRs的结合(交联)引发NK细胞的活化导致靶细胞的裂解和大量cell factor的产生。现已确认NKp46和NKp44可以识别病毒上的配体分子红血球凝聚素，而NKp46则能识别Tumour细胞上的乙酰硫酸多聚糖。

Picture:



Spleen (Mouse) Lysate at 40 ug

Lung (Mouse) Lysate at 40 ug

Kindeg (Mouse) Lysate at 40 ug

Primary: Anti-NCR1 (SL21362R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

Observed band size: 52 kD

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