

Datasheet for ABIN2856612  
**anti-KLRC4 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	KLRC4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLRC4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human KLRC4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee
Cross-Reactivity (Details):	Chimpanzee (100 %)
Characteristics:	Rabbit polyclonal antibody to KLRC4 (killer cell lectin-like receptor subfamily C, member 4) KLRC4 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

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Target:	KLRC4
Alternative Name:	KLRC4 ( <a href="#">KLRC4 Products</a> )
Background:	<p>Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. KLRC4 is a member of the NKG2 group which are expressed primarily in natural killer (NK) cells and encodes a family of transmembrane proteins characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. The 3' end of the KLRC4 transcript includes the first non-coding exon found at the 5' end of the adjacent D12S2489E gene transcript.</p> <p>Cellular Localization: Membrane, Single-pass type II membrane protein</p>
Molecular Weight:	18 kDa
Gene ID:	8302

## Application Details

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Application Notes:	<p>Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*</p>
Comment:	Positive Control: 293T
Restrictions:	For Research Use only

## Handling

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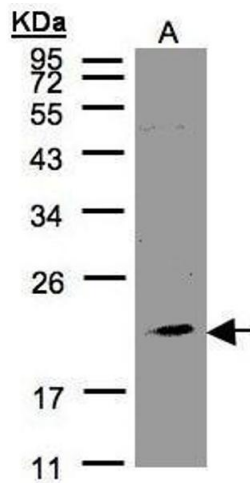
Format:	Liquid
Concentration:	0.15 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Image Sample(30 µg of whole cell lysate)

A:293T 12% SDS PAGE antibody diluted at 1:1000