

Datasheet for ABIN6991047
anti-KLRA1 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	KLRA1
Binding Specificity:	AA 190-240, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLRA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLRA1 antibody was raised against a 13 amino acid synthetic peptide near the carboxy terminus of human KLRA1. The immunogen is located within amino acids 190 - 240 of KLRA1.
Isotype:	IgG
Purification:	KLRA1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	KLRA1
Alternative Name:	KLRA1 (KLRA1 Products)
Background:	KLRA1 Antibody: KLRA1 (also known as Ly49L) is a member of the LY49 family of receptors on Natural killer (NK) cells that bind to major histocompatibility complex (MHC) class 1. These

Target Details

proteins are classified as either activating or inhibitory receptors based on whether they possess an immunoreceptor tyrosine-based inhibitory motif (ITIM) in their cytoplasmic region (for inhibitory receptors), or an immunoreceptor tyrosine-based activation motif (ITAM) that transmits activating signals resulting in phosphorylation of several substrates. KLRA1 is thought to be an activating receptor, inducing DAP12 phosphorylation in response to antibody-mediated cross-linking of KLRA1 on NK cells. At least three isoforms of KLRA1 are known to exist.

Gene ID: 10748

Application Details

Application Notes: KLRA1 antibody can be used for detection of KLRA1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: KLRA1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: KLRA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.