

Rabbit anti-Human KLRC1 Polyclonal Antibody | anti-KLRC1 antibody

KLRC1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290235	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

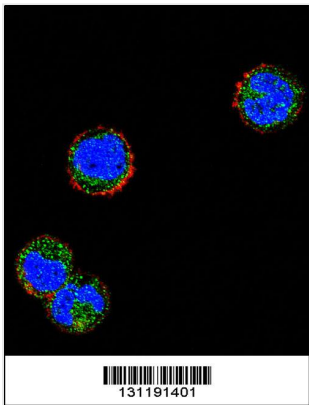
PRODUCT SYNONYMS

KLRC1; Polyclonal Antibody; KLRC1 Antibody (N-term); NKG2-A/NKG2-B type II integral membrane protein; CD159 antigen-like family member A; NK cell receptor A; NKG2-A/B-activating NK receptor; CD159a; NKG2A; anti-KLRC1 antibody

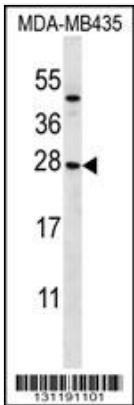
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLRC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human KLRC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Positions	1-30
Sequence Length	215
Applicable Applications for anti-KLRC1 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of KLRC1 Antibody (N-term) with MDA-MB435 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
KLRC1 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the KLRC1 antibody detected the KLRC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KLRC1 antibody	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. The protein encoded by this gene belongs to the killer cell lectin-like receptor family, also called NKG2 family, which is a group of transmembrane proteins preferentially expressed in NK cells. This family of proteins is characterized by the type II membrane orientation and the presence of a C-type lectin domain. This protein forms a complex with another family member, KLRD1/CD94, and has been implicated in the recognition of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a killer cell lectin-like receptor gene cluster on chromosome 12. Four alternatively spliced transcript variants encoding two distinct isoforms have been observed. [provided by RefSeq].
Product Categories/Family for anti-KLRC1 antibody	Immunology
References	Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) Ma, J., et al. J. Med. Virol. 82(9):1501-1507(2010) Harrison, R.J., et al. Clin. Exp. Immunol. 161(2):306-314(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Beziat, V., et al. PLoS ONE 5 (8), E11966 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504881
NCBI GeneID	3821
NCBI Accession #	NP_002250.1; NP_015567.1; NP_998822.1; NP_998823.1
NCBI GenBank Nucleotide #	NM_002259.4
UniProt Accession #	P26715
Molecular Weight	26314
NCBI Official Full Name	NKG2-A/NKG2-B type II integral membrane protein isoform NKG2-A
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily C, member 1

NCBI Official Symbol	KLRC1
NCBI Official Synonym Symbols	NKG2; NKG2A; CD159A
NCBI Protein Information	NKG2-A/NKG2-B type II integral membrane protein
UniProt Protein Name	NKG2-A/NKG2-B type II integral membrane protein
UniProt Gene Name	KLRC1
UniProt Synonym Gene Names	NKG2A
UniProt Entry Name	NKG2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/klrc1-antibody-immunofluorescence-western-blot-elisa/290235>