

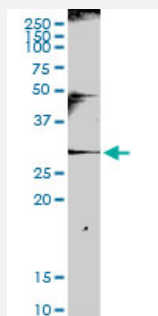
MaxPab®

KLRC1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003821-D01P

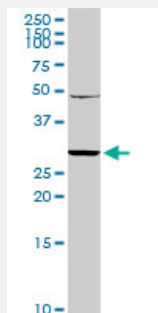
Size 100 ug

Applications



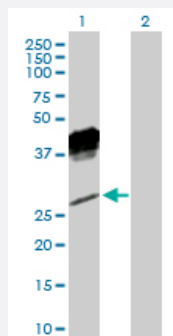
Western Blot (Tissue lysate)

KLRC1 MaxPab rabbit polyclonal antibody. Western Blot analysis of KLRC1 expression in human spleen.



Western Blot (Tissue lysate)

KLRC1 MaxPab rabbit polyclonal antibody. Western Blot analysis of KLRC1 expression in mouse testis.



Western Blot (Transfected lysate)

Western Blot analysis of KLRC1 expression in transfected 293T cell line ([H00003821-T02](#)) by KLRC1 MaxPab polyclonal antibody.

Lane 1: KLRC1 transfected lysate(26.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human KLRC1 protein.

Immunogen	KLRC1 (NP_002250.1, 1 a.a. ~ 233 a.a) full-length human protein.
Sequence	MDNQGVYSDLNLPNPKRQQRKPKGNKSSILATEQEITYAELNLQKASQDFQGNDKTYHCKDLP SAPEKLIVGILGIICLILMASVVTIVIPSTLIQRHNNSSLNTRTQKARHCGHCPEEWITYSNSCYIGKE RRTWEESLLACTSKNSSLLSIDNEEEMKFLSIISPSSWIGVFRNSSHHPWVTMNGLAFKHEIKDSD NAELNCAVLQVNRLKSAQCGSSIYHCKHKL
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

KLRC1 MaxPab rabbit polyclonal antibody. Western Blot analysis of KLRC1 expression in human spleen.

[Protocol Download](#)

- Western Blot (Tissue lysate)

KLRC1 MaxPab rabbit polyclonal antibody. Western Blot analysis of KLRC1 expression in mouse testis.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of KLRC1 expression in transfected 293T cell line ([H00003821-T02](#)) by KLRC1 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — KLRC1

Entrez GeneID	3821
GeneBank Accession#	NM_002259
Protein Accession#	NP_002250.1

Gene Name	KLRC1
Gene Alias	CD159A, MGC13374, MGC59791, NKG2, NKG2A
Gene Description	killer cell lectin-like receptor subfamily C, member 1
Omim ID	161555
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	C-lectin type II protein NK cell receptor A NKG2-1/B activating NK receptor NKG2-A/B type II integral membrane protein natural killer cell lectin natural killer group protein 2

Pathway

- [Antigen processing and presentation](#)
- [Graft-versus-host disease](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Abortion](#)
- [Arthritis](#)
- [Behcet Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)