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KLRK1 Rabbit pAb

货号: AYP13468

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Capra hircus
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	25kDa
实测分子量	30kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,BT-474,U-251MG
细胞定位	Cell membrane,Single-pass type II membrane protein
纯化	Affinity purification

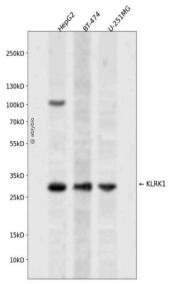
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 77-216 of human KLRK1 (NP_031386.2).

靶点信息

研究背景	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. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed in NK cells. This gene encodes a member of the NKG2 family. The encoded transmembrane protein is characterized by a type II membrane orientation (has an extracellular C terminus) and the presence of a C-type lectin domain. It binds to a diverse family of ligands that include MHC class I chain-related A and B proteins and UL-16 binding proteins, where ligand-receptor interactions can result in the activation of NK and T cells. The surface expression of these ligands is important for the recognition of stressed cells by the immune system, and thus this protein and its ligands are therapeutic targets for the treatment of immune diseases and cancers. Read-through transcription exists between this gene and the upstream KLRC4 (killer cell lectin-like receptor subfamily C, member 4) family member in the same cluster.
基因ID	22914
基因名	KLRK1
Swiss	P26718 (https://www.uniprot.org/uniprotkb/P26718/entry)
别名	KLRK1,CD314,D12S2489E,KLR,NKG2-D,NKG2D,KLRK1 Rabbit pAb,Killer cell lectin-like receptor subfamily K member 1,NK cell receptor D,NKG2-D-activating NK receptor

产品验证



Western blot analysis of KLRK1 expressed in HepG2,BT-474,U-251MG using KLRK1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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