# Rabbit anti-Human, Mouse KIR2DL3 Polyclonal Antibody | anti-KIR2DL3 antibody

KIR2DL3 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA37063** | **Rabbit** | **Human, Mouse** | **Immunofluorescence, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

KIR2DL3; Polyclonal Antibody; KIR2DL3 Polyclonal Antibody; p58; NKAT; GL183; NKAT2; CD158b; NKAT2A; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIRCL23; KIR-023GB; anti-KIR2DL3 antibody

## PRODUCT SPECIFICATIONS

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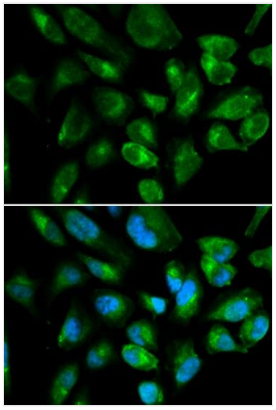
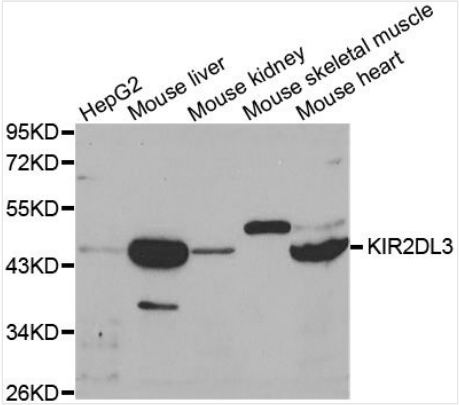
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity Purification |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 341 |
| **Applicable Applications for anti-KIR2DL3 antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Species** | Human |
| **Immunogen** | Recombinant Protein |
| **Immunogen** | Recombinant protein of human KIR2DL3 |
| **Calculated Molecular Weight** | 38kDa |
| **Preparation and Storage** | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence analysis of HepG2 cells using KIR2DL3 antibody. Blue: DAPI for nuclear staining.




**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using KIR2DL3 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-KIR2DL3 antibody** | Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the ITIM motif and instead associate with the TYRO protein tyrosine kinase binding protein to transduce activating signals. The ligands for several KIR proteins are subsets of HLA class I molecules; thus, KIR proteins are thought to play an important role in regulation of the immune response. [provided by RefSeq, Jul 2008] |
| **Product Categories/Family for anti-KIR2DL3 antibody** | Polyclonal |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 1171727 |
| **NCBI GeneID** | 3804 |
| **UniProt Accession #** | P43628; O43472; P78402; Q14944; Q14945; Q9UM51; Q9UQ70 |
| **Molecular Weight** | 341 |
| **NCBI Official Full Name** | Killer cell immunoglobulin-like receptor 2DL3 |
| **NCBI Official Synonym Full Names** | killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3 |
| **NCBI Official Symbol** | KIR2DL3 |
| **NCBI Official Synonym Symbols** | p58; NKAT; GL183; NKAT2; CD158b; NKAT2A; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIR2DS5; KIRCL23; KIR-023GB |
| **NCBI Protein Information** | killer cell immunoglobulin-like receptor 2DL3; NKAT-2; NK-receptor; p58 NK receptor CL-6; MHC class I NK cell receptor; killer inhibitory receptor cl 2-3; killer Ig-like inhibitory receptor; CD158 antigen-like family member B2; natural killer associated transcript 2; natural killer-associated transcript 2; p58.2 MHC class-I specific NK receptor; p58.2 MHC class-I-specific NK receptor; p58 natural killer cell receptor clone CL-6; natural killer cell inhibitory receptor KIR2DL3; killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5 |
| **UniProt Protein Name** | Killer cell immunoglobulin-like receptor 2DL3 |

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| **UniProt Gene Name** | **KIR2DL3** |
| **UniProt Synonym Gene Names** | CD158B2; KIRCL23; NKAT2; NKAT-2; p58 NK receptor CL-6 |
| **UniProt Entry Name** | KI2L3_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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/kir2dl3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37063