

## Rabbit anti-Human KIR3DL1 Polyclonal Antibody | anti-KIR3DL1 antibody

KIR3DL1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA326272 | Rabbit | Human      | ELISA, Immunohistochemistry, Western Blot |

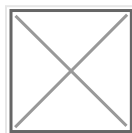
### PRODUCT SYNONYMS

KIR3DL1; Polyclonal Antibody; KIR3DL1 Antibody; AMB11; CD158 antigen-like family member E; CD158e; CD158e antigen; CD158E1; CD158E1/2; CD158E2; CL11; CL2; HLA-BW4-specific inhibitory NK cell receptor; KI3L1\_HUMAN; killer cell immunoglobulin like receptor; Killer cell immunoglobulin like receptor three domains; short cytoplasmic tail; 1; Killer cell immunoglobulin like receptor three domains long cytoplasmic tail 1; Killer cell immunoglobulin-like receptor 3DL1; KIR; KIR antigen 3DL1; KIR G1; Kir3dl1; KIR3DS1; Kirl1; Kirl2; Krl1; MGC119726; MGC119728; MGC126589; MGC126591; MHC class I NK cell receptor; Natural killer associated transcript 3; Natural killer cell inhibitory receptor; Natural killer-associated transcript 3; NK receptor; NK-associated transcript 10; NK-associated transcript 3; NK-associated transcript 3delIg1; NKAT-3; NKAT10; NKAT3; NKB1; NKB1B; p70 killer cell inhibitory receptor; p70 natural killer cell receptor clones CL 2/CL 11; p70 natural killer cell receptor clones CL-2/CL-11; p70 NK receptor CL-2/CL-11; anti-KIR3DL1 antibody

### PRODUCT SPECIFICATIONS

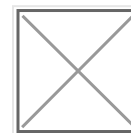
|                                                   |                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                   |
| Reactivity                                        | Human                                                                                                                    |
| Clonality                                         | Polyclonal                                                                                                               |
| Isotype                                           | IgG                                                                                                                      |
| Purity/Purification                               | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                       | Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                      |
| Concentration                                     | ~1mg/ml (varies by lot)                                                                                                  |
| Sequence Length                                   | 444                                                                                                                      |
| Applicable Applications for anti-KIR3DL1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                     |
| Immunogen                                         | A synthesized peptide derived from human KIR3DL1, corresponding to a region within the internal amino acids.             |
| Preparation and Storage                           | Store at -20°C. Stable for 12 months from date of receipt.                                                               |

### IMAGES



#### IF (Immunofluorescence)

AAA326272 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA326272 1:200) and mouse anti-beta tubulin Ab( 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



#### WB (Western Blot)

Western blot analysis of Hepg2 whole cell lysates, using KIR3DL1 Antibody. The lane on the left is treated with the antigen-specific peptide.



#### IHC (Immunohistochemistry)

AAA326272 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

### ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-KIR3DL1 antibody</b> | Description: 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. |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">1016080639</a>                                                                        |
| NCBI GeneID                      | <a href="#">3811</a>                                                                              |
| NCBI Accession #                 | <a href="#">NP_001309097.1</a>                                                                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001322168.1</a>                                                                    |
| UniProt Accession #              | <a href="#">P43629</a> ; <a href="#">O43473</a> ; <a href="#">Q14946</a> ; <a href="#">Q16541</a> |
| Molecular Weight                 | 49 kDa                                                                                            |
| NCBI Official Full Name          | killer cell immunoglobulin-like receptor 3DL1                                                     |
| NCBI Official Synonym Full Names | killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 1            |
| NCBI Official Symbol             | KIR3DL1                                                                                           |
| NCBI Official Synonym Symbols    | KIR; NKB1; NKAT3; NKB1B; NKAT-3; CD158E1; KIR3DL1/S1                                              |
| NCBI Protein Information         | killer cell immunoglobulin-like receptor 3DL1                                                     |
| UniProt Protein Name             | Killer cell immunoglobulin-like receptor 3DL1                                                     |
| UniProt Gene Name                | <b>KIR3DL1</b>                                                                                    |
| UniProt Synonym Gene Names       | CD158E; NKAT3; NKB1; NKAT-3; p70 NK receptor CL-2/CL-11                                           |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/kir3dl1-antibody-immunohistochemistry-western-blot-elisa/326272>