

## Rabbit KIR3DS1 Polyclonal Antibody | anti-KIR3DS1 antibody

KIR3DS1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA311711</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

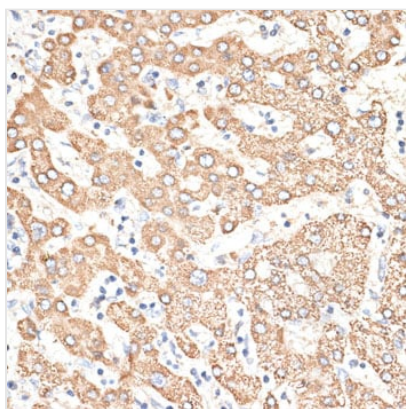
### PRODUCT SYNONYMS

KIR3DS1; Polyclonal Antibody; KIR3DS1 Polyclonal Antibody; CD158E2; KIR-123FM; KIR-G1; NKAT-10; NKAT10; killer cell immunoglobulin-like receptor 3DS1; anti-KIR3DS1 antibody

### PRODUCT SPECIFICATIONS

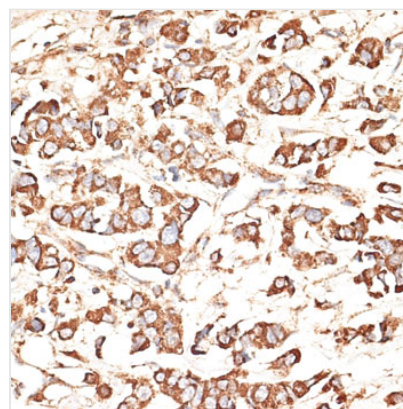
|                                                   |                                                               |
|---------------------------------------------------|---------------------------------------------------------------|
| Host                                              | Rabbit                                                        |
| Reactivity                                        | Human, Mouse, Rat                                             |
| Clonality                                         | Polyclonal                                                    |
| Isotype                                           | IgG                                                           |
| Purity/Purification                               | Affinity purification                                         |
| Form/Format                                       | PBS with 50% glycerol, pH7.4                                  |
| Applicable Applications for anti-KIR3DS1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                 |
| Immunogen                                         | Recombinant fusion protein of human KIR3DS1 (NP_001077008.1). |
| Conjugation                                       | Unconjugated                                                  |
| Preparation and Storage                           | Store at -20 degree C. Avoid freeze/thaw cycles.              |

### IMAGES



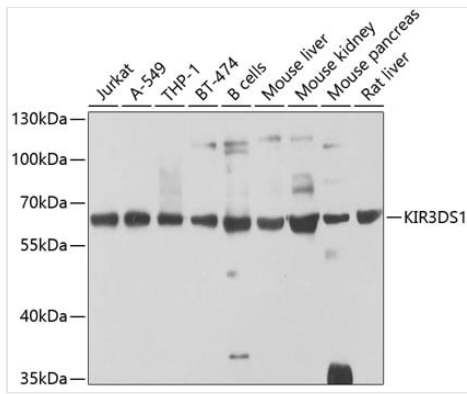
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human mammary cancer using KIR3DS1 antibody.



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver using KIR3DS1 antibody.



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using KIR3DS1 antibody.

### ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-KIR3DS1 antibody</b> | <p>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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> |
| <b>Product Categories/Family for anti-KIR3DS1 antibody</b>   | <p>Total protein Ab</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 134133244                                                                                                                                                                                           |
| NCBI GeneID                      | 3813                                                                                                                                                                                                |
| NCBI Accession #                 | NP_001077008.1                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_001083539.1                                                                                                                                                                                      |
| UniProt Accession #              | Q14943; O43469; P78403; Q0VGG8; Q4KN23; Q5UCD2; Q8N735; Q8NHI8; Q99564; Q99565                                                                                                                      |
| Molecular Weight                 | 42,447 Da                                                                                                                                                                                           |
| NCBI Official Full Name          | killer cell immunoglobulin-like receptor 3DS1                                                                                                                                                       |
| NCBI Official Synonym Full Names | killer cell immunoglobulin-like receptor, three domains, short cytoplasmic tail, 1                                                                                                                  |
| NCBI Official Symbol             | KIR3DS1                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | KIR-G1; NKAT10; CD158E2; KIR-123FM; MGC119726; MGC119728; MGC125316                                                                                                                                 |
| NCBI Protein Information         | killer cell immunoglobulin-like receptor 3DS1; NKAT-10; killer Ig receptor; MHC class I NK cell receptor; natural killer-associated transcript 10; killer cell immunoglobulin-like receptor KIR3DS1 |
| UniProt Protein Name             | Killer cell immunoglobulin-like receptor 3DS1                                                                                                                                                       |
| UniProt Gene Name                | KIR3DS1                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | NKAT10; NKAT-10                                                                                                                                                                                     |
| UniProt Entry Name               | KI3S1_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/kir3ds1-antibody-immunohistochemistry-western-blot-elisa/311711>