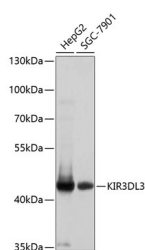


## KIR3DL3 Polyclonal Antibody

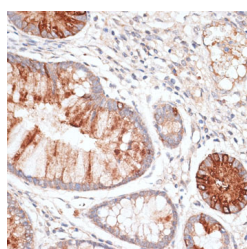
<b>Catalog No.</b>	E-AB-63200	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

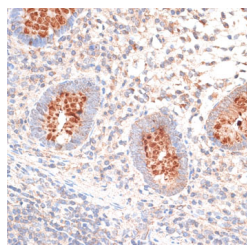
### Images



Western blot analysis of extracts of various cell lines using KIR3DL3 Polyclonal Antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human colon carcinoma using KIR3DL3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human appendix using KIR3DL3 Polyclonal antibody at dilution of 1:100 (40x lens). Perform

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human KIR3DL3
<b>GeneID</b>	115653
<b>Swissprot</b>	Q8N743
<b>Synonyms</b>	KIR3DL3,CD158Z,KIR3DL7,KIR44,KIRC1

### Product Information

<b>Calculated MW</b>	44kDa
<b>Observed MW</b>	45kDa
<b>Buffer</b>	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000,IHC 1:50-1:200

### Background

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. This gene is one of the 'framework' loci that is present on all haplotypes.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.

microwave antigen retrieval with 10  
mM PBS buffer pH 7.2 before  
commencing with IHC staining  
protocol.

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Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.