

Datasheet for ABIN3015534
anti-KIR3DL1 antibody (AA 22-222)



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2 Images

Overview

Quantity:	100 µL
Target:	KIR3DL1
Binding Specificity:	AA 22-222
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR3DL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-222 of human KIR3DL1 (NP_037421.2).
Sequence:	HMGGQDKPFL SAWPSAVVPR GGHVTLRCHY RHRFNNFMLY KEDRIHIPIF HGRIFQESFN MSPVTTAHAG NYTCRGSHPH SPTGWSAPSN PVVIMVTGNH RKPSLLAHPG PLVKSGERVI LQCWSDIMFE HFFLHKEGIS KDPSRLVGQI HDGVSKANFS IGPMMMLALAG TYRCYGSVTH TPYQLSAPSD PLDIVVTGPY E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

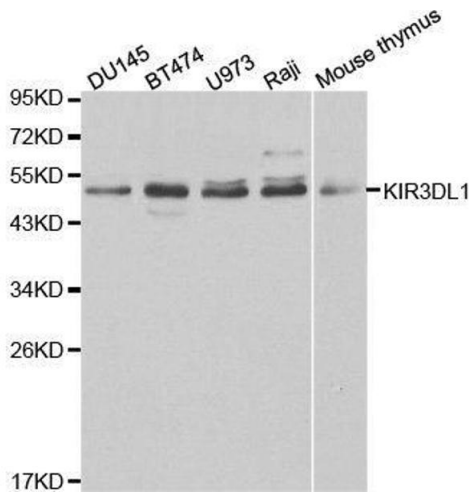
Target:	KIR3DL1
Alternative Name:	KIR3DL1 (KIR3DL1 Products)
Background:	<p>Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on 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.,KIR3DL1,CD158E1,KIR,KIR3DL1/S1,NKAT-3,NKAT3,NKB1,NKB1B,Immunology & Inflammation,CD markers,KIR3DL1</p>
Molecular Weight:	38 kDa/49 kDa
Gene ID:	3811
UniProt:	P43629

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

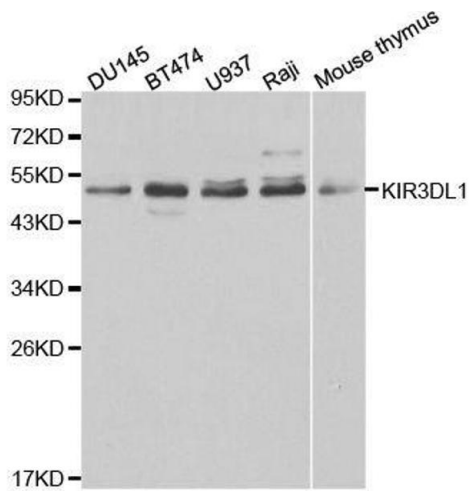
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KIR3DL1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using KIR3DL1 antibody.