Datasheet for ABIN6142892

anti-KIR3DS1 antibody (AA 80-340)

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Overview

Quantity:	100 µL
Target:	KIR3DS1
Binding Specificity:	AA 80-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR3DS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 80-340 of human KIR3DS1 (NP_001077008.1).
Sequence:	FNMSPVTTAH AGNYTCRGSH PHSPTGWSAP SNPMVIMVTG NHRKPSLLAH PGPLVKSGER VILQCWSDIM FEHFFLHKEW ISKDPSRLVG QIHDGVSKAN FSIGSMMRAL AGTYRCYGSV THTPYQLSAP SDPLDIVVTG LYEKPSLSAQ PGPKVQAGES VTLSCSSRSS YDMYHLSREG GAHERRLPAV RKVNRTFQAD FPLGPATHGG TYRCFGSFRH SPYEWSDPSD PLLVSVTGNP SSSWPSPTEP SSKSGNLRHL H
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	KIR3DS1
Alternative Name:	KIR3DS1 (KIR3DS1 Products)
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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,KIR3DS1,CD158E2,KIR-123FM,KIR-G1,NKAT-10,NKAT10,KIR3DS1
Molecular Weight:	42 kDa
Gene ID:	3813
UniProt:	Q14943

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

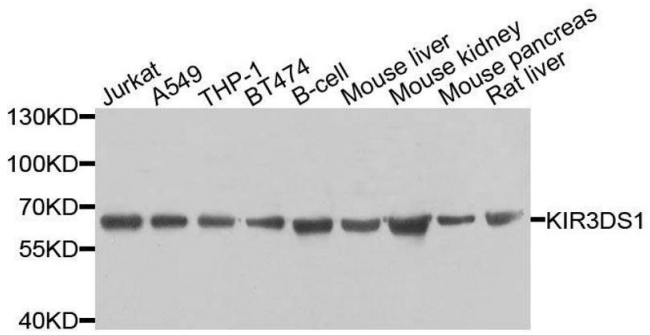
Handling

Format:	Liquid
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.

Handling

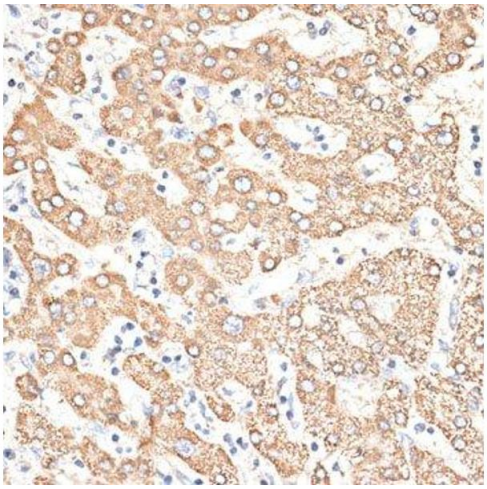
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



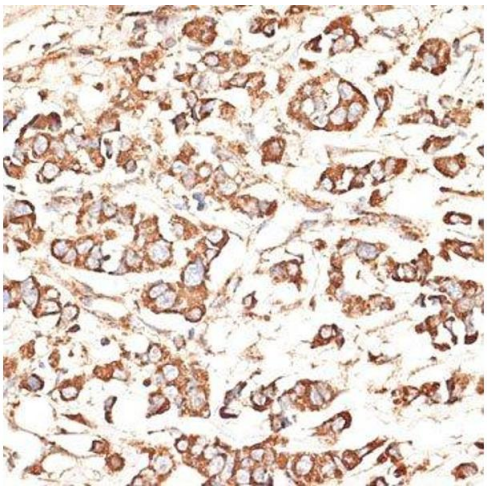
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KIR3DS1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human liver using KIR3DS1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human mammary cancer using KIR3DS1 antibody.

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