

产品名称: CD158a Rabbit Polyclonal Antibody
产品货号: APRab08223



产品概述 (Summary)

产品名称 (Production Name)	CD158a Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	KIR2DL1 KIR2DL1; CD158A; NKAT1; Killer cell immunoglobulin-like receptor 2DL1; CD158 antigen-like family member A; MHC class I NK cell receptor; Natural killer-associated transcript 1; NKAT-1; p58 natural killer cell receptor clones CL-42/47.11; p58 NK receptor CL-42/47.11; p58.1 MHC class-I-specific NK receptor; CD158a
别名 (Alternative Names)	
基因 ID (Gene ID)	3802.0
蛋白 ID (SwissProt ID)	P43626.The antiserum was produced against synthesized peptide derived from the Internal region of human KIR2DL1. AA range:131-180

产品应用 (Application)

产品名称: CD158a Rabbit Polyclonal Antibody
产品货号: AP Rab08223



稀释比 (Dilution Ratio) WB 1:500-1:2000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight) 39kDa

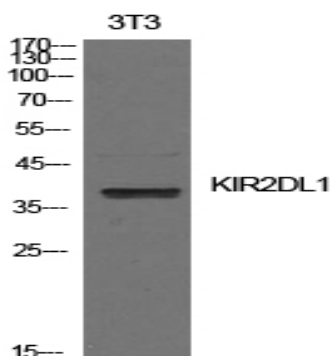
研究背景 (Background)

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 function: Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the activity of NK cells thus preventing cell lysis., miscellaneous: PubMed:15580659, identified a chromosomal rearrangement producing a recombinant gene composed of the promoter and first exon of KIR2DL5A fused to KIR3DP1 which was originally thought to be a pseudogene. This leads to the expression in 4.5 percent of a Spanish Caucasoid population of an mRNA which may encode a chimeric protein KIR2DL5A/KIR3DP1., similarity: Belongs to the immunoglobulin superfamily., similarity: Contains 2 Ig-like C2-type (immunoglobulin-like) domains., similarity: Contains 3 Ig-like C2-type (immunoglobulin-like) domains., tissue specificity: Expressed in peripheral blood cells.,

研究领域 (Research Area)

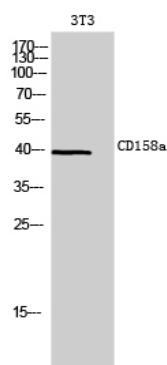
Antigen processing and presentation; Natural killer cell mediated cytotoxicity; Graft-versus-host disease;

图片 (Image Data)



Western Blot analysis of NIH-3T3 cells using CD158a Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

产品名称: CD158a Rabbit Polyclonal Antibody
产品货号: APRab08223



Western Blot analysis of 3T3 cells using CD158a Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .