Product Name: CD158k Rabbit Polyclonal Antibody
Catalog #: APRab08229

Summary

Production Name	CD158k Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	KIR3DL2 CD158K NKAT4
Alternative Names	Killer cell immunoglobulin-like receptor 3DL2 (CD158 antigen-like family member K;MHC class I NK cell receptor;Natural killer-associated transcript 4;NKAT-4;p70 natural killer cell receptor clone CL-5;p70 NK receptor CL-5;CD antigen CD158k)
Gene ID	3812.0
SwissProt ID	P43630.Synthetic peptide from human protein at AA range: 221-270

Application

Dilution Ratio	IHC-p 1:50-200, ELISA 1:10000-20000.
Molecular Weight	

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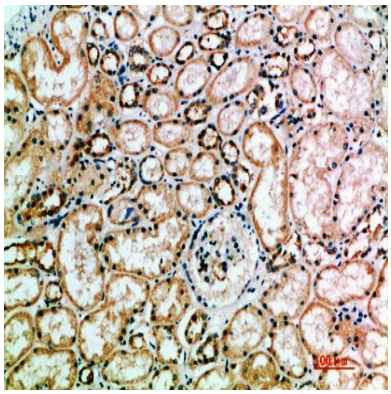
Background

killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 2(KIR3DL2) Homo sapiens 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 thefunction:Receptor on natural killer (NK) cells for HLA-A alleles. Inhibits the activity of NK cells thus preventing cell lysis.,similarity:Belongs to the immunoglobulin superfamily.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,

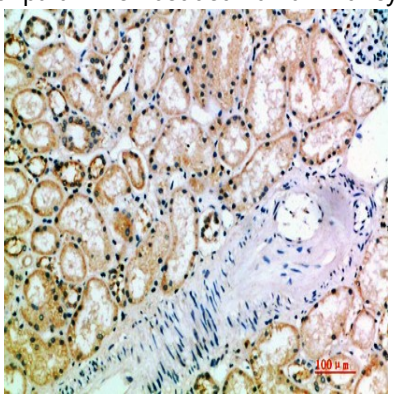
Research Area

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

Image Data



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



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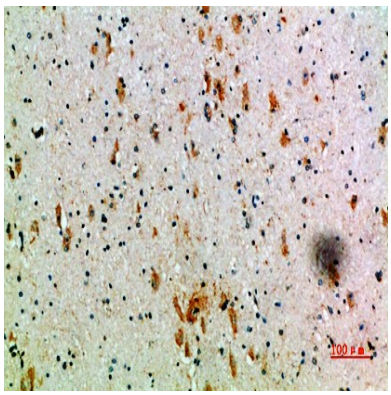

Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

Note

For research use only.