
Product Name: CD158k Rabbit Polyclonal Antibody**Catalog #: APRab08229**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000

Molecular Weight

Antigen Information

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
Immunogen	Synthetic peptide from human protein at AA range: 221-270

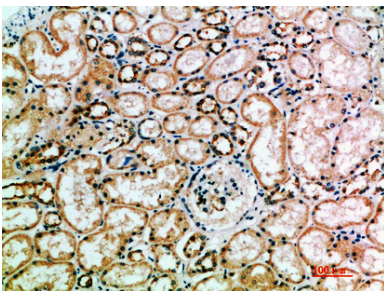
Background

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 the function: 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.,

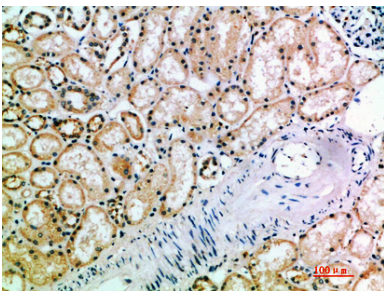
Research Area

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

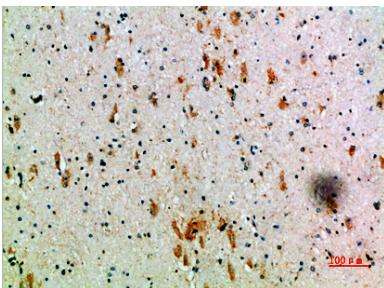
Image Data



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



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



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