

CD158k Polyclonal Antibody
Catalog # AP74118**Specification****CD158k Polyclonal Antibody - Product Information**

Application	IHC
Primary Accession	P43630
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD158k Polyclonal Antibody - Additional Information

Gene ID 3812

Other 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)

Dilution

IHC~~IHC-p 1:50-200, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD158k Polyclonal Antibody - Protein Information**Name** KIR3DL2 {ECO:0000303|PubMed:24018270, ECO:0000312|HGNC:HGNC:6339}**Function**

Receptor on natural killer (NK) cells and T cells for MHC class I molecules (PubMed:24018270, PubMed:28636952). Upon binding of peptide-free HLA-F open conformer, negatively regulates NK and T cell effector functions (PubMed:24018270). Acts as a receptor on astrocytes for HLA-F. Through interaction with HLA-F, may protect motor neurons from astrocyte-induced toxicity (PubMed:26928464).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

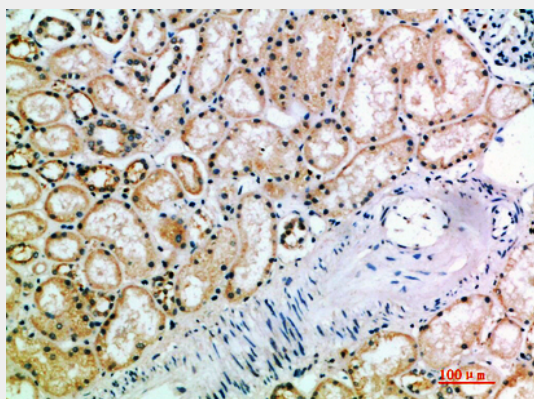
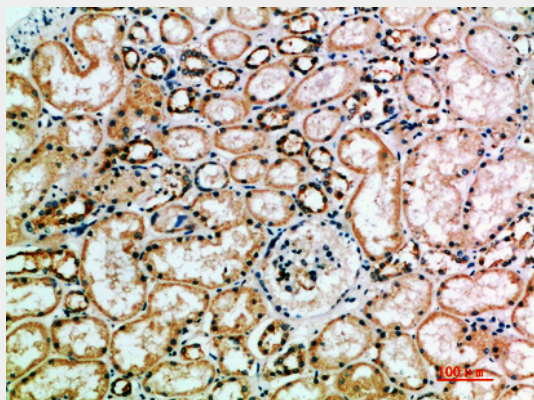
Expressed in astrocytes.

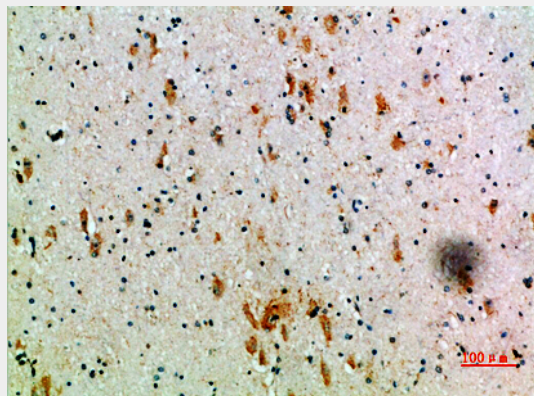
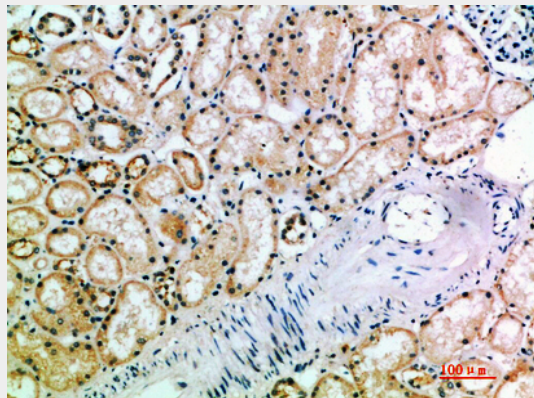
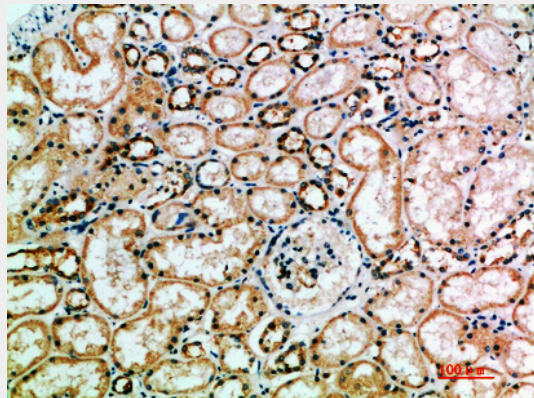
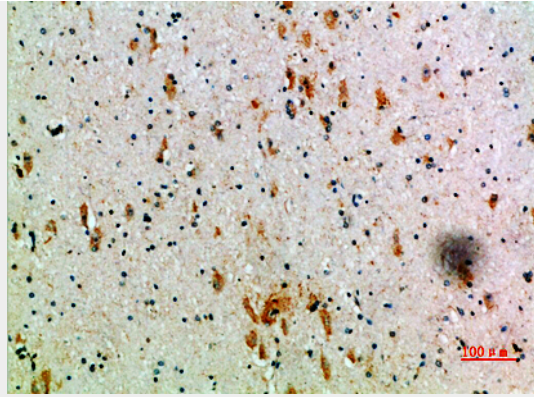
CD158k Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD158k Polyclonal Antibody - Images





CD158k Polyclonal Antibody - Background

Receptor on natural killer (NK) cells and T cells for MHC class I molecules (PubMed:24018270, PubMed:28636952). Upon binding of peptide-free HLA-F open conformer, negatively regulates NK and T cell effector functions (PubMed:24018270). Acts as a receptor on astrocytes for HLA-F. Through interaction with HLA-F, may protect motor neurons from astrocyte-induced toxicity (PubMed:26928464).