

NK-TR Polyclonal Antibody

Catalog No :	YT3137
Reactivity :	Human;Mouse
Applications :	IHC;IF;WB;ELISA
Target :	NK-TR
Gene Name :	NKTR
Protein Name :	NK-tumor recognition protein
Human Gene Id :	4820
Human Swiss Prot No :	P30414
Mouse Swiss Prot No :	P30415
Immunogen :	The antiserum was produced against synthesized peptide derived from human NKTR. AA range:784-833
Specificity :	NK-TR Polyclonal Antibody detects endogenous levels of NK-TR protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	166kD

Background :

This gene encodes a membrane-anchored protein with a hydrophobic amino terminal domain and a cyclophilin-like PPIase domain. It is present on the surface of natural killer cells and facilitates their binding to targets. Its expression is regulated by IL2 activation of the cells. [provided by RefSeq, Jul 2008],

Function :

catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,function:Component of a putative tumor-recognition complex. Involved in the function of NK cells.,function:PPIases accelerate the folding of proteins.,function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the cyclophilin-type PPIase family.,similarity:Contains 1 PPIase cyclophilin-type domain.,subcellular location:Attached to the membrane via its N-terminus.,

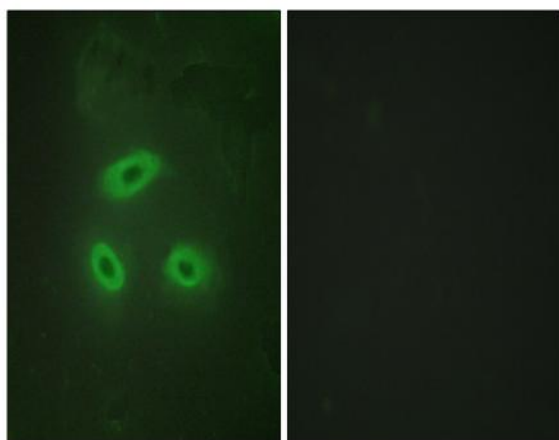
Subcellular Location :

Cell membrane .

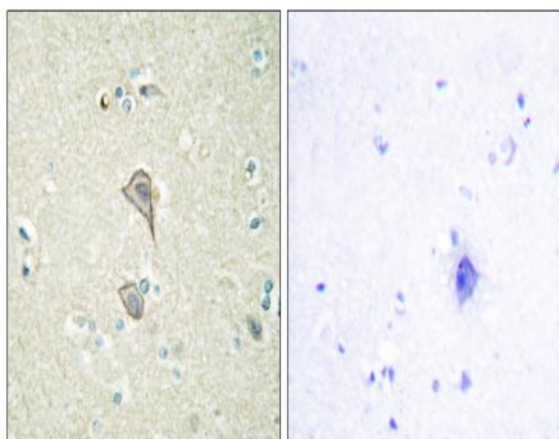
Expression :

Aorta endothelial cell,Blood,Epithelium,Fetal kidney,Human endometr

Products Images



Immunofluorescence analysis of HeLa cells, using NKTR Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NKTR Antibody. The picture on the right is blocked with the synthesized peptide.