



NK-TR Polyclonal Antibody

Catalog No	BYab-13953
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;WB;ELISA
Gene Name	NKTR
Protein Name	NK-tumor recognition protein
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NKTR; NK-tumor recognition protein; NK-TR protein; Natural-killer cells cyclophilin-related protein
Observed Band	
Cell Pathway	Cell membrane .
Tissue Specificity	Aorta endothelial cell,Blood,Epithelium,Fetal kidney,Human endometr
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.,

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Background

This gene encodes a membrane-anchored protein with a hydrophobic amino terminal domain and a cyclophilin-like PPlase 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],

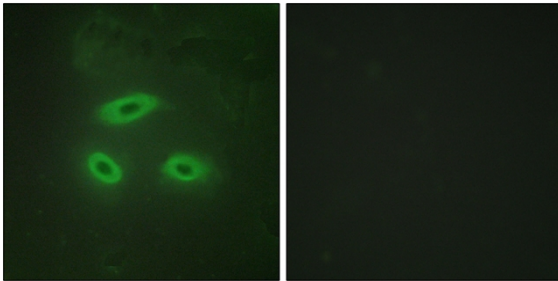
matters needing attention

Avoid repeated freezing and thawing!

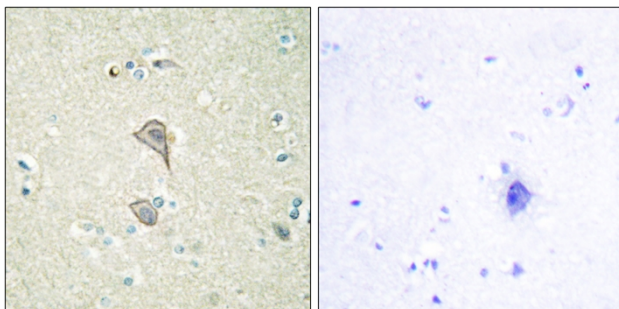
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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.