



# NK-TR Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-13953
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IHC;IF;WB;ELISA
<b>Gene Name</b>	NKTR
<b>Protein Name</b>	NK-tumor recognition protein
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NKTR. AA range:784-833
<b>Specificity</b>	NK-TR Polyclonal Antibody detects endogenous levels of NK-TR protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	NKTR; NK-tumor recognition protein; NK-TR protein; Natural-killer cells cyclophilin-related protein
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cell membrane .
<b>Tissue Specificity</b>	Aorta endothelial cell,Blood,Epithelium,Fetal kidney,Human endometr
<b>Function</b>	catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,function:Component of a putative tumor-recognition complex. Involved in the function of NK cells.,function:PPLases accelerate the folding of proteins.,function:PPLases 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 PPLase family.,similarity:Contains 1 PPLase cyclophilin-type domain.,subcellular location:Attached to the membrane via its N-terminus.,
<b>Background</b>	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],



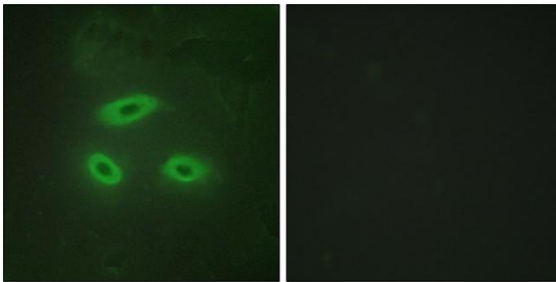
**matters needing attention**

Avoid repeated freezing and thawing!

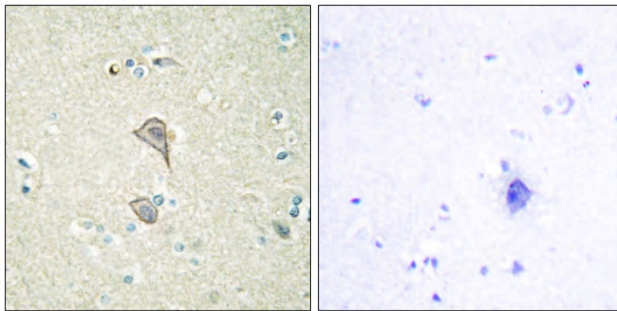
**Usage suggestions**

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.