

## NK-TR Polyclonal Antibody

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT3137  |
| <b>Reactivity :</b>          | Human;Rat;Mouse;  |
| <b>Applications :</b>        | IHC;IF;WB;ELISA   |
| <b>Target :</b>              | NK-TR   |
| <b>Gene Name :</b>           | NKTR  |
| <b>Protein Name :</b>        | NK-tumor recognition protein  |
| <b>Human Gene Id :</b>       | 4820  |
| <b>Human Swiss Prot No :</b> | P30414  |
| <b>Mouse Swiss Prot No :</b> | P30415  |
| <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>Dilution :</b>            | WB 1:500-2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.             |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Molecularweight :</b>     | 166kD   |

**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],

**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: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.,

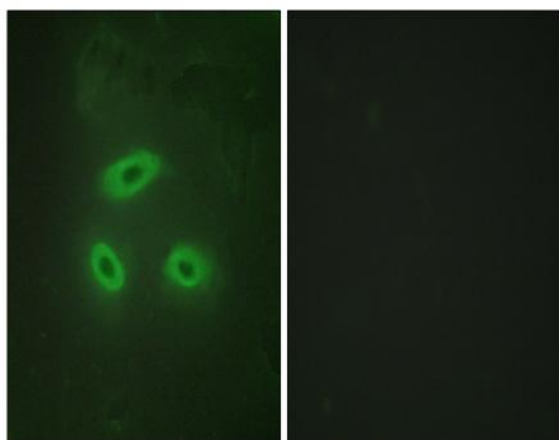
**Subcellular Location :**

Cell membrane .

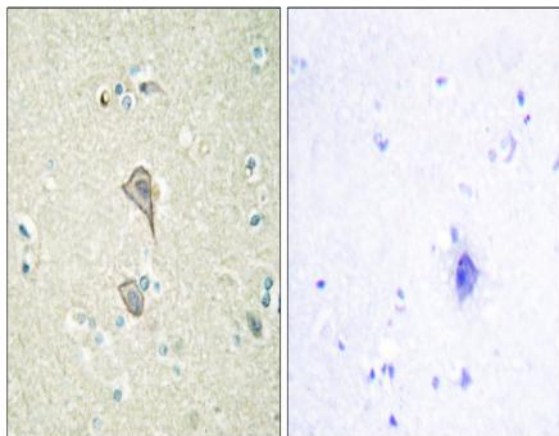
**Expression :**

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.