

NK-2R Polyclonal Antibody

Catalog No: YT3132

Reactivity: Human; Rat; Mouse;

Applications: WB;IF;ELISA

Target: NK-2R

Fields: >>Calcium signaling pathway;>>Neuroactive ligand-receptor interaction

Gene Name: TACR2

Protein Name: Substance-K receptor

P21452

P30549

Human Gene ld: 6865

Human Swiss Prot

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No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

NK2R. AA range:301-350

Specificity: NK-2R Polyclonal Antibody detects endogenous levels of NK-2R protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. 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)

1/2



Observed Band: 48kD

Cell Pathway: Calcium; Neuroactive ligand-receptor interaction;

Background : This gene belongs to a family of genes that function as receptors for tachykinins.

Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neuropeptide substance K, also referred to as

neurokinin A. [provided by RefSeq, Jul 2008],

Function: function: This is a receptor for the tachykinin neuropeptide substance K

(neurokinin A). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.,miscellaneous:The rank order of affinity of this receptor to tachykinins is: substance K > neuromedin-K > substance

P., similarity: Belongs to the G-protein coupled receptor 1 family.,

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Expression : Bone marrow, Lung, Stomach, Trachea,

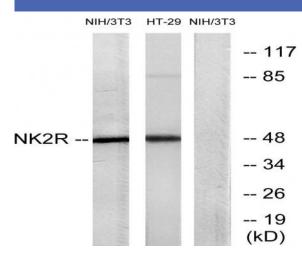
Sort : 10860

No4: 1

Host: Rabbit

Modifications: Unmodified

Products Images



Western blot analysis of lysates from NIH/3T3 and HT-29 cells, using NK2R Antibody. The lane on the right is blocked with the synthesized peptide.