Product Name: NK-2R Rabbit Polyclonal Antibody
Catalog #: APRab14716
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	48kDa

Antigen Information

Gene Name	TACR2
Alternative Names	TACR2; NK2R; NKNAR; TAC2R; Substance-K receptor; SKR; NK-2 receptor; NK-2R; Neurokinin A receptor; Tachykinin receptor 2
Gene ID	6865.0
SwissProt ID	P21452
Immunogen	The antiserum was produced against synthesized peptide derived from human NK2R. AA range:301-350

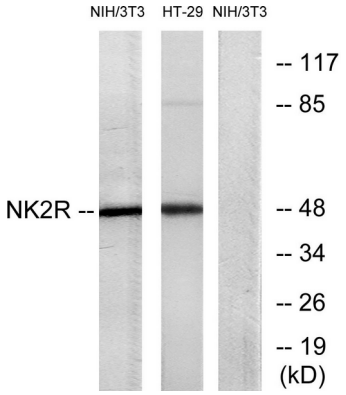
Background

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: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.,

Research Area

Calcium;Neuroactive ligand-receptor interaction;

Image Data



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.