

Summary

Production Name	NK-2R Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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.The antiserum was produced against synthesized peptide derived from human NK2R. AA range:301-350

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:5000.
Molecular Weight	48kD

Background

Product Name: NK-2R Rabbit Polyclonal Antibody
Catalog #: APRab14716

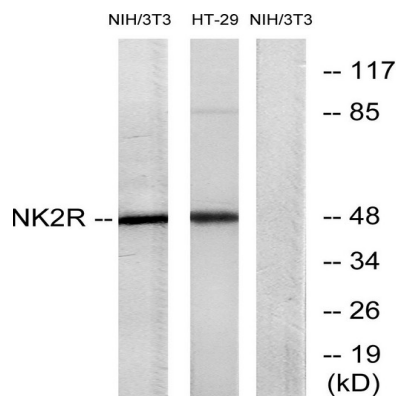


This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5' end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene 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.

Note

For research use only.