

NK-2R rabbit pAb

Cat#: orb770203 (Manual)

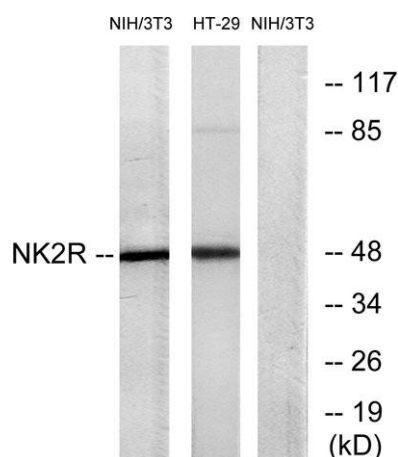
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Product Name	NK-2R rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
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..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Substance-K receptor
Gene Name	TACR2
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	6865
Human Swiss-Prot Number	P21452
Alternative Names	TACR2; NK2R; NKNAR; TAC2R; Substance-K receptor; SKR; NK-2 receptor; NK-2R; Neurokinin A receptor; Tachykinin receptor 2

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],



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.