



# NK-3R rabbit pAb

Cat No.:ES2964

For research use only

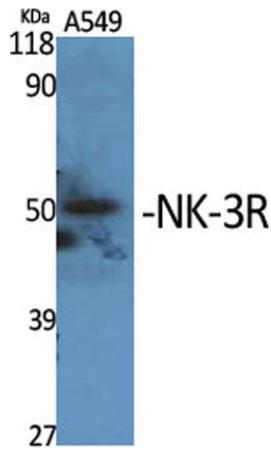
## Overview

<b>Product Name</b>	NK-3R rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NK3R. AA range:401-450
<b>Specificity</b>	NK-3R Polyclonal Antibody detects endogenous levels of NK-3R protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Neuromedin-K receptor
<b>Gene Name</b>	TACR3
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	52kD
<b>Human Gene ID</b>	6870
<b>Human Swiss-Prot Number</b>	P29371
<b>Alternative Names</b>	TACR3; NK3R; TAC3R; Neuromedin-K receptor; NKR; NK-3 receptor; NK-3R; Neurokinin B receptor; Tachykinin receptor 3
<b>Background</b>	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

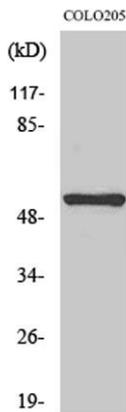




are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neurokinin 3, also referred to as neurokinin B. [provided by RefSeq, Jul 2008],

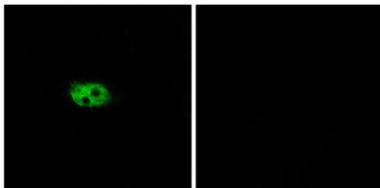


Western Blot analysis of various cells using NK-3R Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



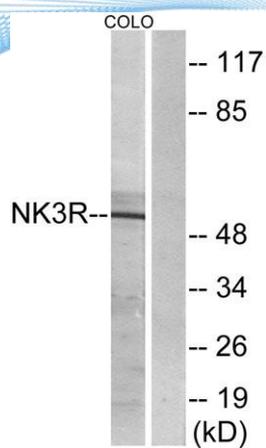
Western Blot analysis of COLO205 cells using NK-3R Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

Immunofluorescence analysis of A549 cells, using NK3R Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from COLO205 cells, using NK3R Antibody. The lane on the right is blocked with the synthesized peptide.



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