

**NK-1R rabbit pAb****Cat#: orb770208 (Manual)**

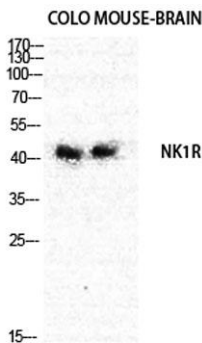
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<b>Product Name</b>	NK-1R rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NK1R. AA range:211-260
<b>Specificity</b>	NK-1R Polyclonal Antibody detects endogenous levels of NK-1R 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>	Substance-P receptor
<b>Gene Name</b>	TACR1
<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

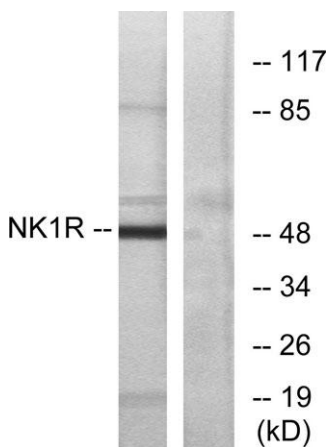
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	6869
<b>Human Swiss-Prot Number</b>	P25103
<b>Alternative Names</b>	TACR1; NK1R; TAC1R; Substance-P receptor; SPR; NK-1 receptor; NK-1R; Tachykinin receptor 1

**Background**

This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq, Sep 2008],



**Western Blot analysis of MOUSE-BRAIN COLO cells using NK-1R Polyclonal Antibody diluted at 1:1000**



**Western blot analysis of lysates from Jurkat cells, using NK1R Antibody. The lane on the right is blocked with the synthesized peptide.**