


## Product datasheet

# Anti-NK-1R antibody - Extracellular domain ab219600

[1 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Anti-NK-1R antibody - Extracellular domain
<b>Description</b>	Rabbit polyclonal to NK-1R - Extracellular domain
<b>Host species</b>	Rabbit
<b>Specificity</b>	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rabbit, Horse, Guinea pig, Cow, Dog, Monkey 
<b>Immunogen</b>	Synthetic peptide corresponding to Human NK-1R (extracellular). 16 amino acid peptide from 2nd extracellular domain. Database link: <a href="#">P25103</a>
<b>Positive control</b>	IHC-P: Human brain neurons, brain glioblastoma and lung adenocarcinoma tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.099% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab219600 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2 - 4 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## Target

### Function

This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

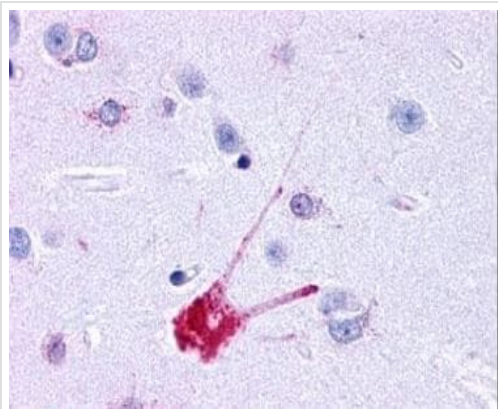
### Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

### Cellular localization

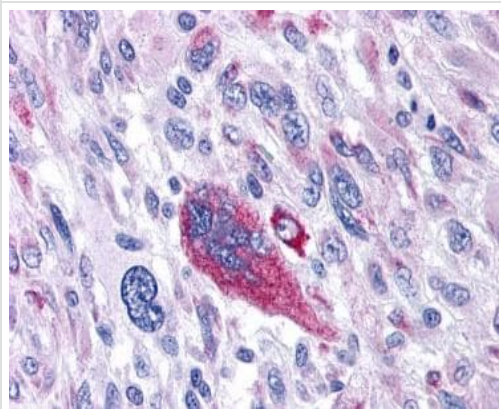
Cell membrane.

## Images



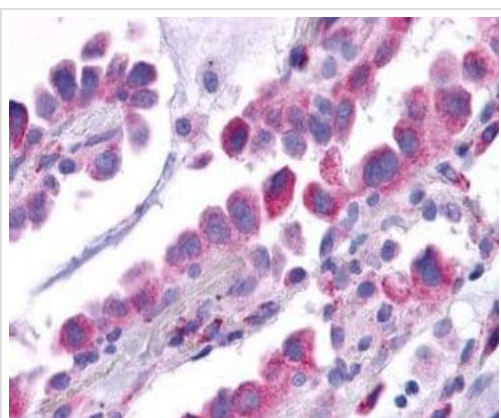
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain neuron tissue labeling NK-1R with ab219600 at 4 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-1R antibody - Extracellular domain (ab219600)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-1R antibody - Extracellular domain (ab219600)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain glioblastoma tissue labeling NK-1R with ab219600 at 4 µg/mL.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-1R antibody - Extracellular domain (ab219600)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung adenocarcinoma tissue labeling NK-1R with ab219600 at 4 µg/mL.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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