

Anti-NK-3R antibody ab124025

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Overview

Product name	Anti-NK-3R antibody
Description	Rabbit polyclonal to NK-3R
Host species	Rabbit
Specificity	ab124025 does not recognise NK1R or NK2R.
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human NK-3R (internal sequence).
Positive control	Human brain tissue; RAW 264.7 whole cell lysate
General notes	<p>This product should be stored undiluted.</p> <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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab124025 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
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 46 kDa (predicted molecular weight: 52 kDa).
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

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

Involvement in disease

Hypogonadotropic hypogonadism 11 with or without anosmia

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

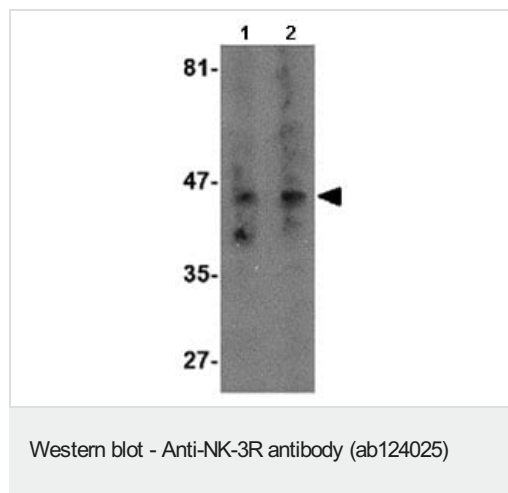
Post-translational modifications

The anchoring of this receptor to the plasma membrane is probably mediated by the palmitoylation of a cysteine residue.

Cellular localization

Cell membrane.

Images



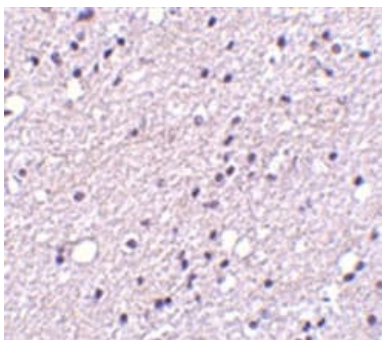
Lane 1 : Anti-NK-3R antibody (ab124025) at 0.5 µg/ml

Lane 2 : Anti-NK-3R antibody (ab124025) at 2 µg/ml

All lanes : RAW 264.7 whole cell lysate

Predicted band size: 52 kDa

Observed band size: 46 kDa



ab124025, at 5µg/ml, staining NK-3R in paraffin-embedded Human brain tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-3R antibody (ab124025)

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

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