



Anti-NK-2R antibody ab231716

4 Images

Overview

Product name	Anti-NK-2R antibody
Description	Rabbit polyclonal to NK-2R
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Rat NK-2R aa 1-200. (expressed in E.coli) Database link: P16610
	<div>  Run BLAST with </div> <div>  Run BLAST with </div>
Positive control	WB: Recombinant rat NK-2R protein; Mouse spleen lysate. IHC-P: Rat kidney and testis tissue.
General notes	<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). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231716 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 2 µg/ml. Predicted molecular weight: 44 kDa.
IHC-P		Use a concentration of 20 µg/ml.

Target

Function

This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). 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: substance K > neuromedin-K > substance P.

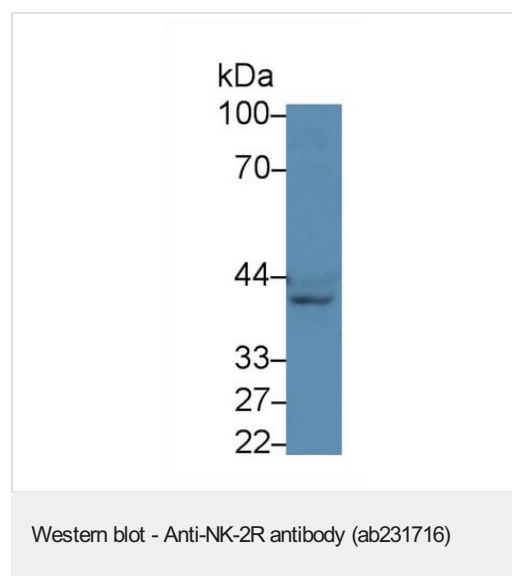
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

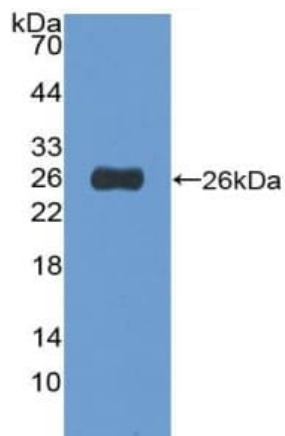
Images



Anti-NK-2R antibody (ab231716) at 2 µg/ml + Mouse spleen lysate.

Developed using the ECL technique.

Predicted band size: 44 kDa

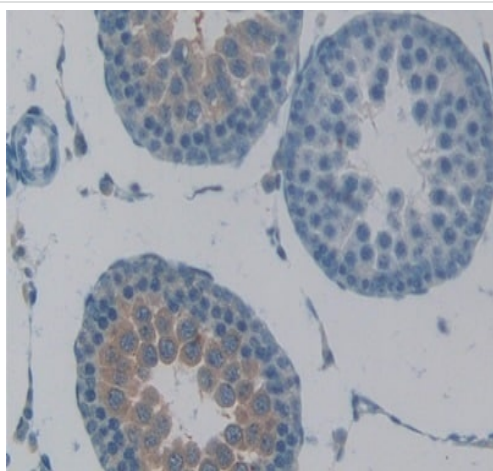


Western blot - Anti-NK-2R antibody (ab231716)

Anti-NK-2R antibody (ab231716) at 2 µg/ml + Recombinant rat NK-2R protein.

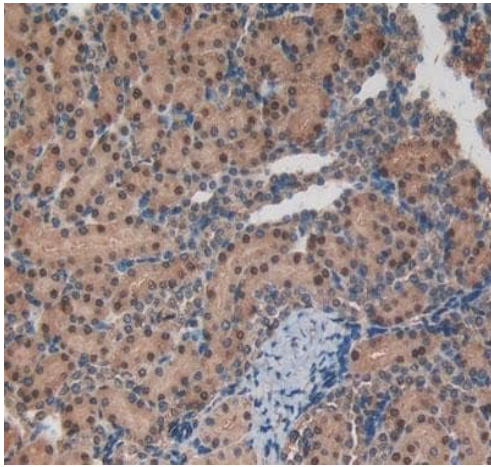
Developed using the ECL technique.

Predicted band size: 44 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-2R antibody (ab231716)

Formalin-fixed, paraffin-embedded rat testis tissue stained for NK-2R using ab231716 at 20 µg/mL in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NK-2R antibody (ab231716)

Formalin-fixed, paraffin-embedded rat kidney tissue stained for NK-2R using ab231716 at 20 µg/mL in immunohistochemical analysis. DAB staining.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors