


Product datasheet

Anti-Nck-2 antibody [EPR3333] ab109239

Recombinant RabMAb

[5 References](#) [4 Images](#)

Overview

Product name	Anti-Nck-2 antibody [EPR3333]
Description	Rabbit monoclonal [EPR3333] to Nck-2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human spleen lysate, human fetal brain lysate, SH-SY5Y lysate, Human fetal kidney lysate; Human breast ductal carcinoma tissue; HeLa cells
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR3333

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab109239 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		1/1000 - 1/10000. Predicted molecular weight: 43 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

Target

Function

Adapter protein which associates with tyrosine-phosphorylated growth factor receptors or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1.

Tissue specificity

Ubiquitous.

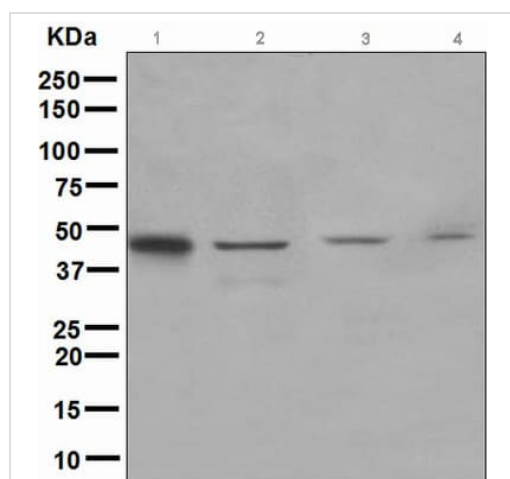
Sequence similarities

Contains 1 SH2 domain.
Contains 3 SH3 domains.

Cellular localization

Cytoplasm. Endoplasmic reticulum.

Images



All lanes : Anti-Nck-2 antibody [EPR3333] (ab109239) at 1/1000 dilution

Lane 1 : Human spleen lysate

Lane 2 : Human fetal brain tissue lysate

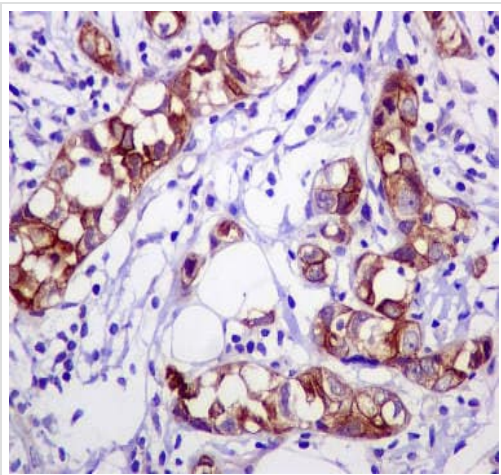
Lane 3 : SH-SY5Y cell lysate

Lane 4 : Human fetal kidney tissue lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 43 kDa

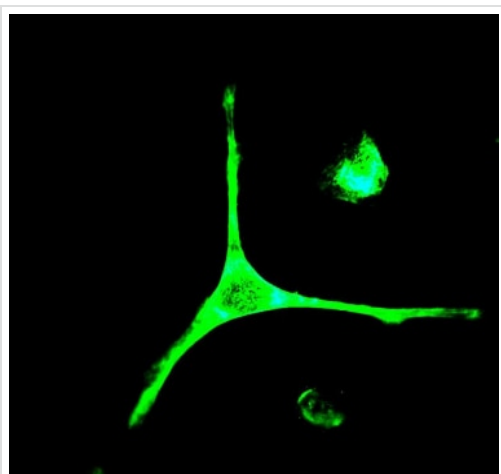
Western blot - Anti-Nck-2 antibody [EPR3333]
(ab109239)



Immunohistochemical analysis of paraffin-embedded human breast ductal carcinoma tissue using ab109239 at a dilution of 1/50

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Nck-2 antibody [EPR3333] (ab109239)



Immunofluorescent staining of HeLa cells using ab109239 at a dilution of 1/100

Immunocytochemistry/ Immunofluorescence - Anti-Nck-2 antibody [EPR3333] (ab109239)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Nck-2 antibody [EPR3333] (ab109239)

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

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- Response to your inquiry within 24 hours

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- 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.

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