Product datasheet

Anti-Neurogenin3/NGN-3 antibody ab176124

Overview

Product name
Anti-Neurogenin3/NGN-3 antibody

Description
Rabbit polyclonal to Neurogenin3/NGN-3

Host species
Rabbit

Tested applications
Suitable for: WB

Species reactivity
Reacts with: Mouse, Rat, Human

Immunogen
Recombinant full length protein corresponding to Human Neurogenin3/NGN-3 aa 1-83.
Sequence:
MTPQPSGAPTQVTRETERSFPRASEDEVTCPTSAPPSP
TRTRGNCAEAEEGGCRGAPRKLARRGGRSRPKSELALSQRRSRKKA
NDRERNRMHNLNSALDALRGVLPTFPPDDAKLTKEILRFAHNYWALTQTLRIADHSLYALE
PPAPHCHELGSPGGSPGDWGLYSPVSQAGSLSPAASEERPGLLATFSACLSPGSLAFSDFL

Database link: Q9Y4Z2

General notes
Previously labelled as Neurogenin3.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own
labs or in those of our suppliers are not covered by the Abpromise guarantee. Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

Properties

**Form**
Liquid

**Storage instructions**

**Storage buffer**
- pH: 7.30
- Preservative: 0.02% Sodium azide
- Constituents: 49% PBS, 50% Glycerol

**Purity**
Protein A purified

**Clonality**
Polyclonal

**Isotype**
IgG

Applications

Our Abpromise guarantee covers the use of ab176124 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Target

**Function**
Involved in neurogenesis. Also required for the specification of a common precursor of the 4 pancreatic endocrine cell types.

**Involvement in disease**
Defects in NEUROG3 are the cause of diarrhea type 4 (DIAR4) [MIM:610370]. DIAR4 is characterized by severe, life-threatening watery diarrhea associated with generalized malabsorption and a paucity of enteroendocrine cells.

**Sequence similarities**
Contains 1 basic helix-loop-helix (bHLH) domain.

**Cellular localization**
Nucleus.

Images
**Western blot** - Anti-Neurogenin3/NGN-3 antibody (ab176124)

All lanes: Anti-Neurogenin3/NGN-3 antibody (ab176124) at 1/1000 dilution

Lane 1: HT-29 cell lysate
Lane 2: 293T cell lysate
Lane 3: H460 cell lysate

Lysates/proteins at 25 µg per lane.

**Secondary**

All lanes: HRP Goat AntiRabbit IgG (H+L)

Developed using the ECL technique.

**Predicted band size:** 23 kDa

**Exposure time:** 90 seconds

Blocking buffer: 3% nonfat dry milk in TBST.

**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