




Product datasheet

Anti-Neurogenin3/NGN-3 antibody ab216885

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Overview

Product name	Anti-Neurogenin3/NGN-3 antibody
Description	Rabbit polyclonal to Neurogenin3/NGN-3
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human Neurogenin3/NGN-3 aa 50-150 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q9Y4Z2  Run BLAST with  Run BLAST with
Positive control	WB: Mouse liver tissue lysate IHC-P: Mouse small intestine 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% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified

Clonality	Polyclonal
Isotype	IgG

Applications

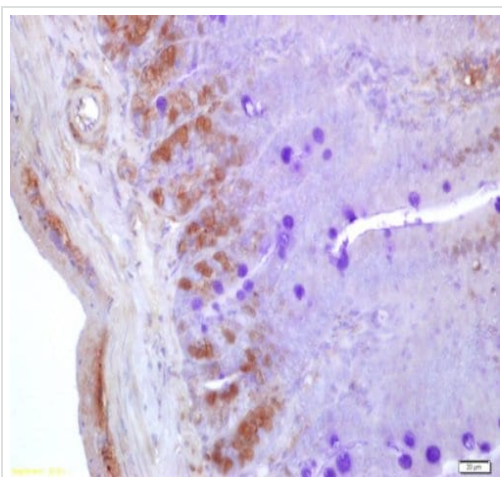
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab216885 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.
WB		1/300. Predicted molecular weight: 23 kDa.

Target

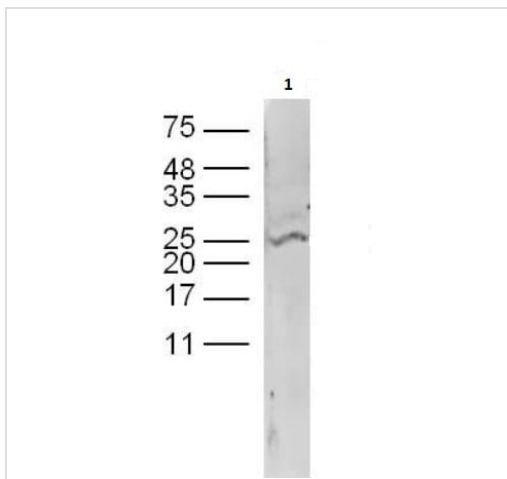
Function	Involved in neurogenesis. Also required for the specification of a common precursor of the 4 pancreatic endocrine cell types.
Involvement in disease	Defects in NEUROG3 are the cause of diarrhea type 4 (DIAR4) [MIM:610370]. DIAR4 is a characterized by severe, life-threatening watery diarrhea associated with generalized malabsorption and a paucity of enteroendocrine cells.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Cellular localization	Nucleus.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse small intestine tissue, labeling Neurogenin3/NGN-3 with ab216885 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

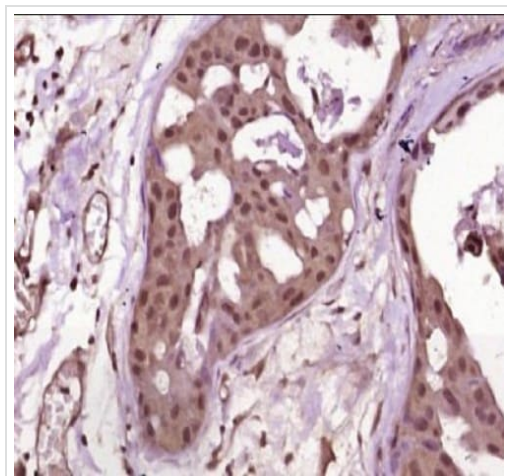
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neurogenin3/NGN-3 antibody (ab216885)



Western blot - Anti-Neurogenin3/NGN-3 antibody (ab216885)

Anti-Neurogenin3/NGN-3 antibody (ab216885) at 1/300 dilution +
 Mouse liver tissue lysate

Predicted band size: 23 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neurogenin3/NGN-3 antibody (ab216885)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma tissue, labeling Neurogenin3/NGN-3 with ab216885 at 1/400 dilution, followed by conjugation to the secondary antibody and DAB staining.

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

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