

Datasheet for ABIN2779433
anti-Neurogenin 1 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	Neurogenin 1 (NEUROG1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurogenin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NEUROG1
Sequence:	ASDAESWGSG AAAASPLSDP SSPAASEDFT YRPGDPVFSF PSLPKDLLHT
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against NEUROG1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Neurogenin 1 (NEUROG1)
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Target Details

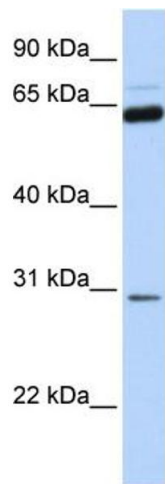
Alternative Name:	NEUROG1 (NEUROG1 Products)
Background:	<p>NEUROG1 contains 1 basic helix-loop-helix (bHLH) domain. It appears to mediate neuronal differentiation.</p> <p>Alias Symbols: AKA, Math4C, NEUROD3, ngn1, bHLHa6</p> <p>Protein Interaction Partner: TCF4, CBFA2T2, TARBP2, RUNX1T1, SMAD1, CREBBP, EP300,</p> <p>Protein Size: 237</p>
Molecular Weight:	26 kDa
Gene ID:	4762
NCBI Accession:	NM_006161 , NP_006152
UniProt:	Q92886

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 237 AA
Restrictions:	For Research Use only

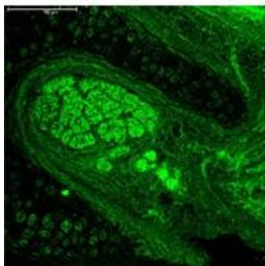
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-NEUROG1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Placenta



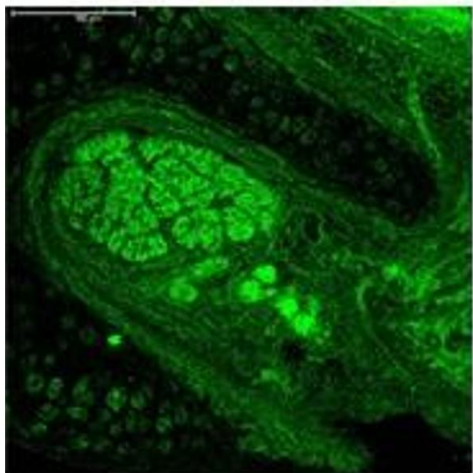
NEUROG1 (ARP32038_P050)
Immunohistochemistry
Sample: Fixed Mouse Cochlea
Dilution: 1:500

Application data in forum

Submitted by:
Jennifer Kersigo
University of Iowa

Immunohistochemistry

Image 2. Sample Type: Mouse Cochlea Dilution: 1:500



Immunohistochemistry

Image 3. Sample Type: Mouse Cochlea Dilution: 1:500