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Datasheet for ABIN1393897

**anti-NEUROD6 antibody (AA 31-130) (Biotin)**

## Overview

Quantity:	100 µL
Target:	NEUROD6
Binding Specificity:	AA 31-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEUROD6 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MATH2/NEUROD6
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Monkey
Purification:	Purified by Protein A.

## Target Details

Target:	NEUROD6
Alternative Name:	MATH2/NEUROD6 ( <a href="#">NEUROD6 Products</a> )
Background:	Synonyms: Atoh 2, Atoh2, Atonal homolog 2, Atonal protein homolog 2, Atonal protein

Target Details

homolog2, bHLH a2 antibodybHLHa 2, bHLHa2, Class A basic helix-loop-helix protein 2, Helix loop helix protein mATH 2, Helix loop helix protein mATH2, MATH 2, Math2, NDF 6, NDF6, NDF6\_HUMAN, Neuro D6, NeuroD6, Neurogenic dferentiation 6, Neurogenic dferentiation factor 6, Nex 1 antibodyNex 1m, Nex, Nex1, Nex1 m, Nex1m, Protein atonal homolog 2, Protein atonal homolog2.

Background: The Drosophila atonal gene produces a protein with basic helix loop helix (bHLH) domains that plays an essential role in the development of the Drosophila nervous system. Mammalian atonal homolog 2 (MATH-2) is a helix-loop-helix (HLH) transcription factor that is structurally homologous to the product of Drosophila atonal gene. MATH-2 is a 337 amino acid protein with an atonal-related basic HLH domain. In mice, expression of MATH-2 takes place by embryonic day 11.5 and initially localizes to the wall of brain vesicles and in the spinal cord. It is expressed in the cortical plate and the mantle layer in the developing central nervous system, and is limited to the nervous system in adults. Adult mouse cerebrums produce a high level of MATH-2 RNA with lower levels in other neuronal tissues. Research studies suggest that MATH-2 may function as a trans-acting factor involved in the development and maintenance of the mammalian nervous system.

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

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Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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