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anti-NEUROD6 antibody (AA 31-130)



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Quantity:	100 μL
Target:	NEUROD6
Binding Specificity:	AA 31-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEUROD6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

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 (NEUROD6 Products)

Target Details

Background:

Synonyms: Atoh 2, Atoh2, Atonal homolog 2, Atonal protein 2, Helix loop helix protein mATH 2, Helix loop helix protein mATH 2, 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 homolog 2.

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
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months