



Rabbit Anti-Human Neurogenin 2 monoclonal antibody, clone 26I40M32 (CABT-L1493)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Dog, Bovine and Rabbit.
Target	NEUROG2
Immunogen	Protein corresponding to Human NEUROG2 (aa 1-272)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	26I40M32
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

Neurogenin-2 is a member of the neurogenin subfamily of basic helix-loop-helix (bHLH) transcription factor genes that play an important role in neurogenesis from migratory neural crest cells. In the course of mouse neurogenesis, Ngn2 and Ngn1 are expressed in distinct progenitor populations residing in the central and peripheral nervous systems. Mutation analyses demonstrate that Ngn1 is required for the determination of neuronal precursors for proximal cranial sensory ganglia and that Ngn2 is necessary for the determination of precursors for epibranchial placode-derived sensory neurons.

Keywords

NEUROG2;neurogenin 2;ngn2;Atoh4;ngn-2;Math4A;bHLHa8;neurogenin-2;atonal homolog 4;protein atonal homolog 4;helix-loop-helix protein MATH-4A

GENE INFORMATION

Entrez Gene ID

[63973](#)

UniProt ID

[Q9H2A3](#)