

NEUROG3 rabbit monoclonal antibody

Catalog # H00050674-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NEUROG3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NEUROG3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NEUROG3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NEUROG3

Entrez GeneID	50674
GeneBank Accession#	NEUROG3
Gene Name	NEUROG3
Gene Alias	Atoh5, Math4B, bHLHa7, ngn3
Gene Description	neurogenin 3
Omim ID	604882
Gene Ontology	Hyperlink
Gene Summary	Neurogenin-3 (NEUROG3) is expressed in endocrine progenitor cells and is required for endocrine cell development in the pancreas and intestine (Wang et al., 2006 [PubMed 16855267]). It belongs to a family of basic helix-loop-helix transcription factors involved in the determination of neural precursor cells in the neuroectoderm (Gradwohl et al., 2000 [PubMed 10677506]).[supplied by OMIM]
Other Designations	OTTHUMP00000019730

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Anovulation](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Ketoacidosis](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)

- [Glucose Intolerance](#)
- [Hyperglycemia](#)
- [Hyperinsulinism](#)