

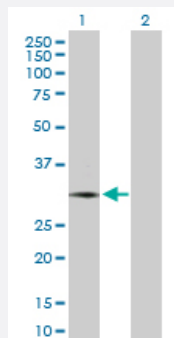
MaxPab®

NEUROG3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00050674-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NEUROG3 expression in transfected 293T cell line ([H00050674-T02](#)) by NEUROG3 MaxPab polyclonal antibody.

Lane 1: NEUROG3 transfected lysate(23.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NEUROG3 protein.
Immunogen	NEUROG3 (AAH74938.1, 1 a.a. ~ 214 a.a) full-length human protein.
Sequence	MTPQPSGAPTVQVTRETERSFPRASEDEVTCPTSAPPSPTRTRGNCAEAEEGGCRGAPRKLRA RRGGRSRPKSELALSKQRRSRRKKANDRERNRMHNLNSALDALRGVLPFPDDAKLTKIETLRF AHNYWALTQTLRIADHSLYALEPPAPHCHELSPGGSPGDWGSLSYPVSQAGSLSPAASLEER PGLLGATSSACLSPGSLAFSDFL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NEUROG3

Entrez GeneID [50674](#)

GeneBank Accession# [BC074938.2](#)

Protein Accession# [AAH74938.1](#)

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](#)