

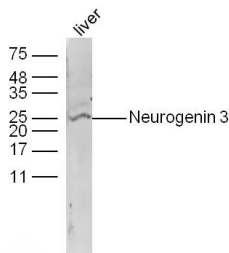
## Anti-Neurogenin 3 Polyclonal Antibody

## Product Details

|                   |  |
|-------------------|--|
| Ig Type:          | IgG  |
| Reactivity:       | Human, Mouse (predicted: Rat, Dog, Cow, Sheep) |
| Molecular Weight: | Theoretical: 23 kDa. Actual: 26 kDa.           |
| Purification:     | Protein A purified                             |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | Sample: Liver (Mouse) Lysate at 30 µg                         |
|                    | Primary: Anti-Neurogenin3 (TMAB-01220) at 1/300 dilution      |
|                    | Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution |
|                    | Predicted band size: 23 kDa<br>Observed band size: 26 kDa     |



|              |                |
|--------------|----------------|
| Application: | WB             |
| Recommended  | WB: 1:500-2000 |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | KLH conjugated synthetic peptide: human NGN3   |
| Antigen Species: | Human  |
| Gene ID:         | 50674  |
| Uniprot ID:      | Q9Y4Z2   |
| Synonyms:        | Neurogenin-3; ngn3; NGN-3; Math4B; OTTHUMP00000019730; Protein atonal homolog 5; Neurog3; ATH4B; Class A basic helix-loop-helix protein 7; neurogenin 3; Atoh5 |
| Biology Area:    | HLH, Transcription Factors, Neuroregeneration, Nuclear   |

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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