

## CAB12020

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### Product Information

<b>Product SKU:</b>	CAB12020	<b>Gene ID:</b>	4760	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC0483	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse

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### Additional Information

<b>Observed MW:</b>	45kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	40kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus.

**Recommended Dilution:** WB, 1:500 - 1:1000

**Synonyms:** T2D; BETA2; BHF-1; MODY6; NEUROD; bHLHa3; NeuroD1

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NeuroD1 (NP\_002491.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.