

Datasheet for ABIN5027344
anti-MAFA antibody (AA 192-353)



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Overview

Quantity:	100 µg
Target:	MAFA
Binding Specificity:	AA 192-353
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAFA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant Mafa protein (amino acids 192-353) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	MAFA
Alternative Name:	Mafa (MAFA Products)
Background:	Musculoaponeurotic fibrosarcoma oncogene family A (MafA) is a pancreatic transcriptional factor that is important to pancreatic beta-cell function. It is a member of the musculoaponeurotic fibrosarcoma oncogene family, a subgroup of the basic leucine zipper transcription

Target Details

factors with homology to the v-Maf oncoprotein. It acts as a transcriptional regulator that promotes the expression of genes important in glucose-induced insulin secretion, such as insulin, glucokinase and glucose transporter protein-2. Mafa is unique in being exclusively expressed at the secondary and principal phase of insulin-expressing cell production during pancreas organogenesis and is the only transcriptional activator present exclusively in islet beta-cells thus may be involved in pathogenesis of diabetes.

Molecular Weight: 36 kDa

Gene ID: 389692

UniProt: [Q8NHW3](#)

Pathways: [Hormone Transport](#)

Application Details

Application Notes: WB: 1-2 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

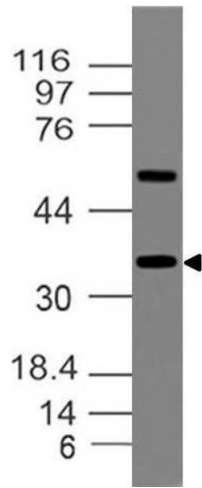


Image 1.