

11-8065: Polyclonal Antibody to Mafa

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	MAFA
Gene ID :	389692
Uniprot ID :	Q8NHW3
Format :	Purified
Alternative Name :	MAFA
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant Mafa protein (amino acids 192-353) was used as the immunogen for this antibody.

Description

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 musculo-aponeurotic fibrosarcoma oncogene family, a subgroup of the basic leucine zipper transcription 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.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 µg/ml

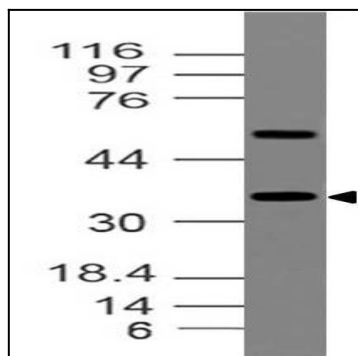


Fig-1: Western blot analysis of Mafa. Anti-Mafa antibody (11-8065) was used at 1 µg/ml on h Kidney lysate.