



Anti-MAFA (aa 222-308) polyclonal antibody (DPAB-DC1815)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	MAFA is a transcription factor that binds RIPE3b, a conserved enhancer element that regulates pancreatic beta cell-specific expression of the insulin gene (INS; MIM 176730) (Olbro et al., 2002 [PubMed 12011435]).[supplied by OMIM, Mar 2008]
Immunogen	MAFA (NP_963883, 222 a.a. ~ 308 a.a) partial recombinant protein with GST tag. The sequence is LEERFSDQLVSMVRELNRQLRGFSKEEVIRLKQKRRTLKNRGYAQSCRFRVQQRHIL ESEKCLQSQVEQLKLEVGR LAKERDL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MAFA v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog A [Homo sapiens (human)]
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Official Symbol	MAFA
Synonyms	MAFA; v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog A; hMafA; RIPE3b1; transcription factor MafA; transcription factor RIPE3b1; pancreatic beta-cell-specific transcriptional activator;
Entrez Gene ID	389692
Protein Refseq	NP_963883
UniProt ID	Q8NHW3
Chromosome Location	8q24.3
Pathway	Developmental Biology; Maturity onset diabetes of the young; Regulation of gene expression in beta cells; Type II diabetes mellitus
Function	DNA binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding