Datasheet for ABIN7150387

anti-RFX6 antibody (AA 1-260) (FITC)

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Overview

Quantity:	100 µg
Target:	RFX6
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFX6 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human DNA-binding protein RFX6 protein (1-260AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RFX6
Alternative Name:	RFX6 (RFX6 Products)
Background:	Background: Transcription factor required to direct islet cell differentiation during endocrine pancreas development. Specifically required for the differentiation of 4 of the 5 islet cell types

Target Details

	and for the production of insulin (PubMed:20148032, PubMed:25497100). Not required for pancreatic PP (polypeptide-producing) cells differentiation. Acts downstream of NEUROG3 and regulates the transcription factors involved in beta-cell maturation and function, thereby restricting the expression of the beta-cell differentiation and specification genes, and thus the beta-cell fate choice. Activates transcription by forming a heterodimer with RFX3 and binding to the X-box in the promoter of target genes (PubMed:20148032). Involved in glucose-stimulated insulin secretion by promoting insulin and L-type calcium channel gene transcription (PubMed:25497100). Aliases: RFX6 antibody, RFXDC1 antibody, DNA-binding protein RFX6 antibody, Regulatory factor X 6 antibody, Regulatory factor X domain-containing protein 1 antibody
UniProt:	Q8HWS3
Pathways:	Carbohydrate Homeostasis

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.