

Datasheet for ABIN2177077 **anti-ISL1 antibody (PE)**



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Overview

Quantity:	100 µL
Target:	ISL1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISL1 antibody is conjugated to PE
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Islet 1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Sheep,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ISL1
Alternative Name:	Islet 1 (ISL1 Products)
Background:	Synonyms: Insulin gene enhancer protein ISL 1, Insulin gene enhancer protein ISL-1, Insulin related protein, Isl 1, ISL LIM homeobox 1, ISL1, ISL1 transcription factor LIM homeodomain,

Target Details

ISL1 transcription factor, LIM/homeodomain islet 1, ISL1 transcription factor, LIM/homeodomain, ISL1_HUMAN, Islet-1, Islet1.

Background: This gene encodes a member of the LIM/homeodomain family of transcription factors. The encoded protein binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. The encoded protein is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Mutations in this gene have been associated with maturity-onset diabetes of the young. [provided by RefSeq, Jul 2008]

Gene ID:	3670
UniProt:	P61371
Pathways:	Positive Regulation of Peptide Hormone Secretion , Intracellular Steroid Hormone Receptor Signaling Pathway , Peptide Hormone Metabolism , Regulation of Intracellular Steroid Hormone Receptor Signaling , Nuclear Hormone Receptor Binding , Chromatin Binding

Application Details

Application Notes:	FCM: (1:20-100) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.