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Datasheet for ABIN6982892

**anti-SLC30A8 antibody (AA 1-100) (Biotin)**

## Overview

Quantity:	100 µL
Target:	SLC30A8
Binding Specificity:	AA 1-100
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC30A8 antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZNT8
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

## Target Details

Target:	SLC30A8
Alternative Name:	ZNT8 ( <a href="#">SLC30A8 Products</a> )
Background:	Synonyms: SLC30A8, solute carrier family 30 (zinc transporter), member 8, Solute carrier family

## Target Details

30 member 8, Zinc transporter 8, zinc transporter ZnT-8, ZnT-8, ZNT 8, ZNT8\_HUMAN.  
Background: ZNT8 is a zinc efflux transporter involved in the accumulation of zinc in intracellular vesicles. This gene is expressed at a high level only in the pancreas, particularly in islets of Langerhans. The encoded protein colocalizes with insulin in the secretory pathway granules of the insulin-secreting INS-1 cells. Allelic variants of this gene exist that confer susceptibility to diabetes mellitus, noninsulin-dependent (NIDDM). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010].

Gene ID:	169026
UniProt:	<a href="#">Q8IWU4</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Hormone Transport</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	IHC-P 1:200-400
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:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months