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Datasheet for ABIN1708529
anti-SLC30A8 antibody (AA 162-175) (Cy7)

Overview

Quantity:	100 µL
Target:	SLC30A8
Binding Specificity:	AA 162-175
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC30A8 antibody is conjugated to Cy7
Application:	Western Blotting (WB)

Product Details

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

Target Details

Target:	SLC30A8
Alternative Name:	Znt8 (SLC30A8 Products)
Background:	Synonyms: ZNT8, ZnT-8, Zinc transporter 8, Solute carrier family 30 member 8, SLC30A8

Target Details

Background: Facilitates the accumulation of zinc from the cytoplasm into intracellular vesicles, being a zinc-efflux transporter. May be a major component for providing zinc to insulin maturation and/or storage processes in insulin-secreting pancreatic beta-cells.

Gene ID: 169026

UniProt: [Q8IWU4](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Transport](#), [Carbohydrate Homeostasis](#), [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: FCM(1:20-100), IF(IHC-P)(1:50-200)

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.

Expiry Date: 12 months