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SLC30A8 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12876

Product Information

Application	WB
Primary Accession	Q8IWU4
Other Accession	NM_173851, NP_776250
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Rabbit, Pig, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40755

Additional Information

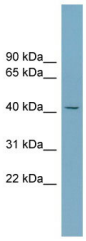
Gene ID	169026
Alias Symbol	ZnT-8, ZNT8
Other Names	Zinc transporter 8, ZnT-8, Solute carrier family 30 member 8, SLC30A8, ZNT8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC30A8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC30A8 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SLC30A8 (HGNC:20303)
Function	Proton-coupled zinc ion antiporter mediating the entry of zinc into the lumen of pancreatic beta cell secretory granules, thereby regulating insulin secretion.
Cellular Location	Cytoplasmic vesicle, secretory vesicle membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Note=Associated with insulin and glucagon secretory granules.
Tissue Location	In the endocrine pancreas, expressed in insulin- producing beta cells. Expressed at relatively high levels in subcutaneous fat tissue from lean persons; much lower levels in visceral fat, whether from lean or obese

individuals, and in subcutaneous fat tissue from obese individuals. Expressed in peripheral blood mononuclear cells, including T-cells and B-cells, with great variation among individuals ranging from negative to strongly positive

Images



WB Suggested Anti-SLC30A8 Antibody Titration: 0.2-1 µg/ml
Positive Control: NCI-H226 cell lysate