10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SLC30A8 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12876

Specification

SLC30A8 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q8IWU4
Other Accession	NM_173851, NP_776250
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Predicted	**Human, Rabbit, Pig, Chicken, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41kDa KDa**

SLC30A8 antibody - middle region - 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.

SLC30A8 antibody - middle region - 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

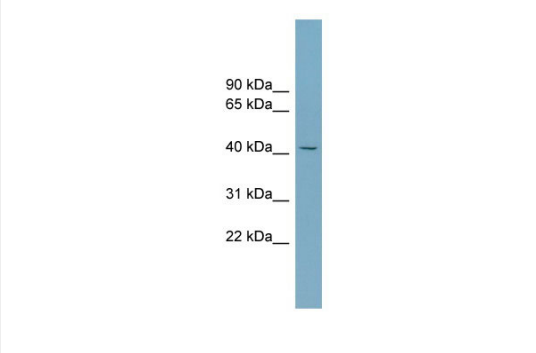
In the endocrine pancreas, expressed in insulin- producing beta cells. Expressed at relatively high levels in subcutaneous fat tissue from lean persons; much lower levels in visceral fat, whether from lean or obese individuals, and in subcutaneous fat tissue from obese individuals. Expressed in peripheral blood mononuclear cells, including T-cells and B-cells, with great variation among individuals ranging from negative to strongly positive

SLC30A8 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SLC30A8 antibody - middle region - Images



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