

Anti-ZNT8 Antibody
Rabbit polyclonal antibody to ZNT8
Catalog # AP61014

Specification

Anti-ZNT8 Antibody - Product Information

Application	WB
Primary Accession	O81WU4
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40755

Anti-ZNT8 Antibody - Additional Information

Gene ID 169026

Other Names

ZNT8; Zinc transporter 8; ZnT-8; Solute carrier family 30 member 8

Target/Specificity

Recognizes endogenous levels of ZNT8 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-ZNT8 Antibody - 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

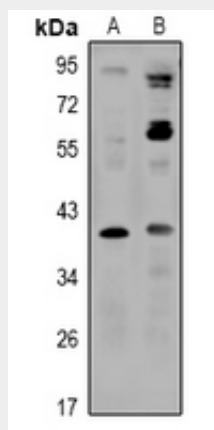
from lean or obese individuals, and in subcutaneous fat tissue from obese individuals. Expressed in peripheral blood mononuclear cells, including T-cells and B-cells, with great variation among individuals ranging from negative to strongly positive

Anti-ZNT8 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ZNT8 Antibody - Images



Western blot analysis of ZNT8 expression in H9C2 (A), K562 (B) whole cell lysates.

Anti-ZNT8 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZNT8. The exact sequence is proprietary.