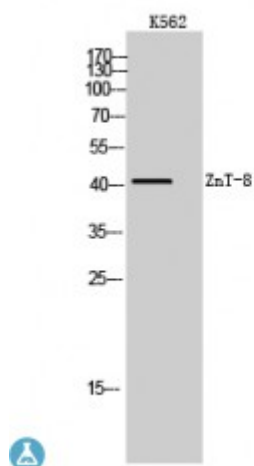


Anti-ZnT-8 antibody



Description	Rabbit polyclonal to ZnT-8.
Model	STJ96355
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ZnT-8
Immunogen Region	140-220 aa, Internal
Gene ID	169026
Gene Symbol	SLC30A8
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	ZnT-8 Polyclonal Antibody detects endogenous levels of ZnT-8 protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Zinc transporter 8 ZnT-8 Solute carrier family 30 member 8

Molecular Weight	41 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20303OMIM:125853
Alternative Names	Zinc transporter 8 ZnT-8 Solute carrier family 30 member 8
Function	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.
Sequence and Domain Family	Contains a histidine-rich region, HXXXXXHNH-motif, which is a ligand for zinc.
Cellular Localization	Cell membrane Cytoplasmic vesicle, secretory vesicle membrane. Associated with insulin and glucagon secretory granules.

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