

## Anti-ZNT8 Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 41 kDa. Actual: 43 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: k562 (human) Cell Lysate at 30 µg Primary: Anti-ZNT8 (TMAB-14451) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 43 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZNT8
Antigen Species:	Human
Gene ID:	169026
Uniprot ID:	Q8IWU4

## Research Background

ZNT8 is a zinc efflux transporter involved in the accumulation of zinc in intracellular vesicles. This gene is expressed at a high level only in the pancreas, particularly in islets of Langerhans. The encoded protein colocalizes with insulin in the secretory pathway granules of the insulin-secreting INS-1 cells. Allelic variants of this gene exist that confer susceptibility to diabetes mellitus, noninsulin-dependent (NIDDM). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010].

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