

Anti-ZNT9 Antibody
Rabbit polyclonal antibody to ZNT9
Catalog # AP61021**Specification**

Anti-ZNT9 Antibody - Product Information

Application	WB
Primary Accession	Q6PML9
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63515

Anti-ZNT9 Antibody - Additional Information**Gene ID** 10463**Other Names**

Zinc transporter 9; SLC30A9; ZnT-9; Human embryonic lung protein; HuEL; Solute carrier family 30 member 9; SLC30A9; C4orf1; HUEL

Target/Specificity

Recognizes endogenous levels of ZNT9 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-ZNT9 Antibody - Protein Information**Name** SLC30A9 ([HGNC:1329](#))**Synonyms** C4orf1, HUEL**Function**

Mitochondrial proton-coupled zinc ion antiporter mediating the export of zinc from the mitochondria and involved in zinc homeostasis, zinc mobilization as well as mitochondrial morphology and health (PubMed: [28334855](http://www.uniprot.org/citations/28334855), PubMed: [34397090](http://www.uniprot.org/citations/34397090), PubMed: [35614220](http://www.uniprot.org/citations/35614220), PubMed: [34433664](http://www.uniprot.org/citations/34433664)). In nucleus, functions as a secondary coactivator for nuclear

receptors by cooperating with p160 coactivators subtypes. Plays a role in transcriptional activation of Wnt-responsive genes (By similarity).

Cellular Location

Mitochondrion membrane; Multi-pass membrane protein. Nucleus Endoplasmic reticulum. Note=Partial co-localization with endoplasmic reticulum (PubMed:28334855). Linked to mitochondrial ribosomes (PubMed:35614220)

Tissue Location

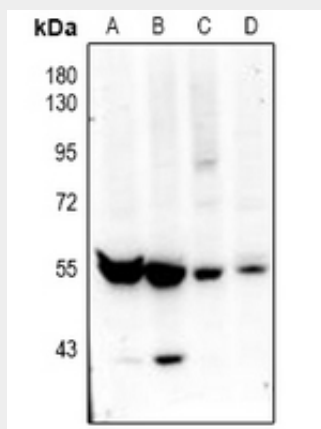
Ubiquitously expressed in fetal and adult tissues and cancer cell lines.

Anti-ZNT9 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-ZNT9 Antibody - Images



Western blot analysis of ZNT9 expression in CT26 (A), C6 (B), HEK293T (C), HepG2 (D) whole cell lysates.

Anti-ZNT9 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ZNT9. The exact sequence is proprietary.