

ZnT-9 Polyclonal Antibody
Catalog # AP73174**Specification**

ZnT-9 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q6PML9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

ZnT-9 Polyclonal Antibody - Additional Information**Gene ID** 10463**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ZnT-9 Polyclonal 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, PubMed:34397090, PubMed:35614220, PubMed: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

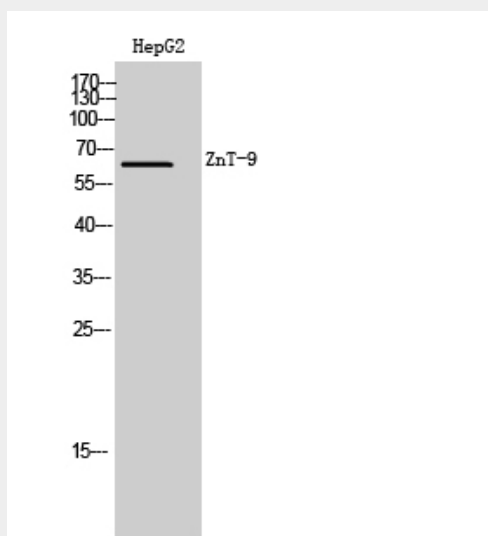
Ubiquitously expressed in fetal and adult tissues and cancer cell lines.

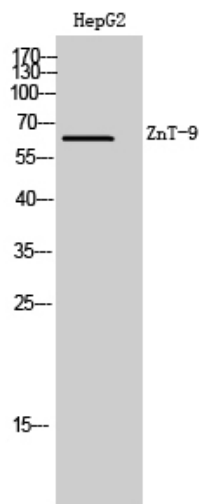
ZnT-9 Polyclonal Antibody - Protocols

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](#)

ZnT-9 Polyclonal Antibody - Images





ZnT-9 Polyclonal Antibody - Background

Acts as a zinc transporter involved in intracellular zinc homeostasis (PubMed:28334855). 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).