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ZnT-9 Polyclonal Antibody

Catalog # AP73174

Product Information

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

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. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

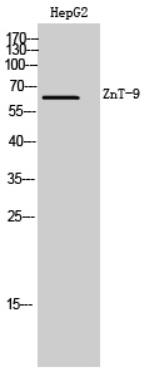
Protein Information

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:34433664, PubMed:35614220). 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.

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).

Images



Western Blot analysis of HepG2 cells using ZnT-9 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.