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SLC30A9 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10416

Product Information

Application	WB
Primary Accession	Q6PML9
Other Accession	NM_006345, NP_006336
Reactivity	Human, Rat, Dog
Predicted	Human, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63515

Additional Information

Gene ID	10463
Alias Symbol	HUEL, ZNT9, GAC63, C4orf1
Other Names	Zinc transporter 9, ZnT-9, Human embryonic lung protein, HuEL, Solute carrier family 30 member 9, SLC30A9, C4orf1, HUEL
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC30A9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC30A9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

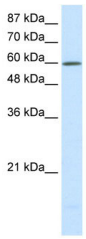
Name	SLC30A9 (HGNC:1329)
Synonyms	C4orf1, HUEL
Function	Mitochondrial proton-coupled zinc ion antiporter mediating the export of zinc from the mitochondria and involved in zinc homeostasis, zinc mobilization as well as mitochondrial morphology and health (PubMed:28334855, PubMed:34397090, PubMed:34433664, 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.

References

Sim, et al., (2002) Int. J. Biochem. Cell Biol. 34 (5), 487-504Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-SLC3A9 Antibody Titration: .2-1 ug/ml
Positive Control: HepG2 cell lysate

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