

SLC30A9 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10416**Specification****SLC30A9 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	Q6PML9
Other Accession	NM_006345 , NP_006336
Reactivity	Human, Rat, Horse, Dog
Predicted	Human, Pig, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63kDa KDa

SLC30A9 antibody - N-terminal region - 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.

SLC30A9 antibody - N-terminal region - 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))

target="_blank">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.

SLC30A9 antibody - N-terminal region - 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](#)