

SLC37A3 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12371**Specification**

SLC37A3 antibody - middle region - Product Information

Application	IHC, WB
Primary Accession	O8NCC5
Other Accession	NM_207113 , NP_996996
Reactivity	Human, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Rat, Rabbit, Guinea Pig, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 54kDa KDa

SLC37A3 antibody - middle region - Additional Information**Gene ID** 84255

Alias Symbol	MGC32939
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Other Names
Sugar phosphate exchanger 3, Solute carrier family 37 member 3, SLC37A3, SPX3

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-SLC37A3 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

SLC37A3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC37A3 antibody - middle region - Protein Information**Name** SLC37A3 ([HGNC:20651](#))**Synonyms** SPX3**Function**

Unlike the other SLC37 members, lacks glucose-6-phosphate antiporter activity (PubMed:21949678). In osteoclasts, forms a transporter complex with ATRAID for nitrogen-containing-bisphosphonates (N-BPs) required for releasing N-BP molecules that have trafficked to lysosomes through fluid-phase endocytosis into the cytosol (PubMed:29745899).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein

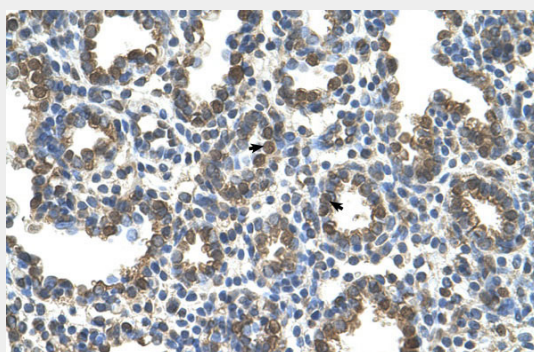
Tissue Location

Expressed in liver, kidney, intestine and pancreas.

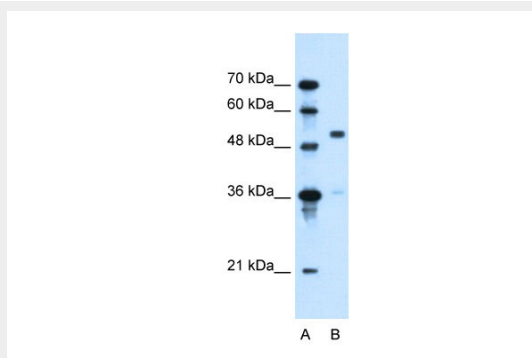
SLC37A3 antibody - middle region - Protocols

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](#)

SLC37A3 antibody - middle region - Images

Human Lung



WB Suggested Anti-SLC37A3 Antibody Titration: 0.2-1 µg/ml
Positive Control: HepG2 cell lysate

SLC37A3 antibody - middle region - References

Bartoloni, L. (2004) Pflugers Arch. 447(5), 780-783 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.