

SPATA5L1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15668**Specification**

SPATA5L1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9BVQ7
Other Accession	NM_024063 , NP_076968
Reactivity	Human, Rat, Rabbit, Pig, Bovine, Dog
Predicted	Human, Rat, Rabbit, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80kDa KDa

SPATA5L1 Antibody - C-terminal region - Additional Information**Gene ID** 79029**Other Names**

Spermatogenesis-associated protein 5-like protein 1, SPATA5L1

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-SPATA5L1 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

SPATA5L1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SPATA5L1 Antibody - C-terminal region - Protein Information**Name** AFG2B ([HGNC:28762](#))**Function**

ATP-dependent chaperone part of the 55LCC heterohexameric ATPase complex which is chromatin-associated and promotes replisome proteostasis to maintain replication fork progression and genome stability. Required for replication fork progression, sister chromatid cohesion, and chromosome stability. The ATPase activity is specifically enhanced by replication fork DNA and is coupled to cysteine protease- dependent cleavage of replisome substrates in response to replication fork damage. Uses ATPase activity to process replisome substrates in S-phase, facilitating their proteolytic turnover from chromatin to ensure DNA replication and mitotic fidelity (PubMed:38554706). Plays an essential role in the cytoplasmic maturation steps of pre-60S ribosomal particles by promoting the release of shuttling protein RSL24D1/RLP24 from the

pre-ribosomal particles (PubMed:35354024).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, spindle. Nucleus {ECO:0000250|UniProtKB:D4A2B7}

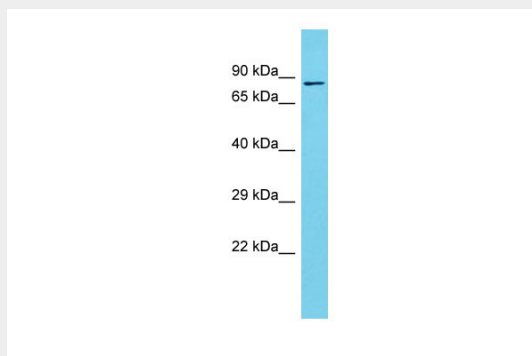
Tissue Location

Expressed in both neurons and glia during embryonic and adult stages of brain development.

SPATA5L1 Antibody - C-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](#)

SPATA5L1 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: SPATA5L1

Sample Tissue: 721_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml SPATA5L1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

SPATA5L1 Antibody - C-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:671-675(2006).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).
Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).