10320 Camino Santa Fe, Suite G
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SPATA5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13462

Specification

SPATA5 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q8NB90
Other Accession	NM_145207, NP_660208
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog**
Predicted	**Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**98kDa KDa**

SPATA5 antibody - middle region - Additional Information

Gene ID 166378

Alias Symbol	**AFG2, SPAF**

Other Names
Spermatogenesis-associated protein 5, ATPase family protein 2 homolog, Spermatogenesis-associated factor protein, SPATA5, AFG2, SPAF

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-SPATA5 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
SPATA5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SPATA5 antibody - middle region - Protein Information

Name AFG2A (HGNC:18119)

Function
ATP-dependent chaperone, which 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). Acts together with AFG2B, AIRIM and CINP (PubMed:35354024). May be involved in morphological and functional mitochondrial transformations during spermatogenesis (By similarity).

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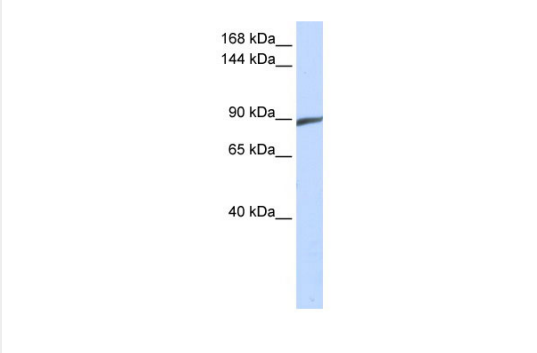
Cellular Location
Cytoplasm. Mitochondrion {ECO:0000250|UniProtKB:Q3UMC0}. Cytoplasm, cytoskeleton, spindle

SPATA5 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 Cytomety
- Cell Culture

SPATA5 antibody - middle region - Images



WB Suggested Anti-SPATA5 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: 293T cell lysate