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C9orf24 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15422

Specification

C9orf24 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q8NCR6
Other Accession	NM_032596, NP_115985
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**29kDa KDa**

C9orf24 Antibody - N-terminal region - Additional Information

Gene ID 84688

Alias Symbol	**CBE1, MGC32921, MGC33614, NYD-SP22, bA573M23.4**

Other Names
Spermatid-specific manchette-related protein 1, Ciliated bronchial epithelial protein 1, Testis development protein NYD-SP22, SMRP1, C9orf24, CBE1

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-C9orf24 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
C9orf24 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

C9orf24 Antibody - N-terminal region - Protein Information

Name SPMIP6 (HGNC:19919)

Function
May participate in intramanchette transport and midpiece formation of the sperm tail. May play a potential role in somatic cell proliferation.

Cellular Location
Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q2MH31}. Nucleus Cytoplasm. Mitochondrion

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{ECO:0000250|UniProtKB:Q2MH31}. Cell projection, cilium, flagellum. Note=During spermatid elongation (step 10), localizes along the length of the manchette and later during the elongation process only at the distal ends of spermatid manchette (step 12). In late elongated spermatids (step 16), in the final steps of spermiogenesis, localization is restricted to the midpiece of the flagellum. Localizes at the contractile ring in dividing cells (By similarity). Predominantly perinuclear in bronchial epithelial cells but also detected in the nucleus in some primary epithelial cells and in a number of cell lines (PubMed:15242845) {ECO:0000250|UniProtKB:Q2MH31, ECO:0000269|PubMed:15242845}

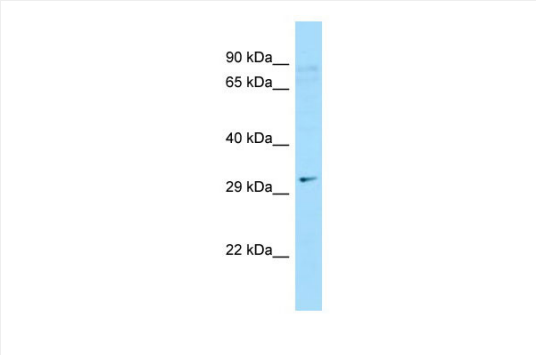
Tissue Location
Expressed in testis (PubMed:28601408). Strongly expressed in ciliated epithelial cells with lower levels in goblet cells (at protein level) (PubMed:15242845)

C9orf24 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 Cytomety
- Cell Culture

C9orf24 Antibody - N-terminal region - Images



WB Suggested Anti-C9orf24 Antibody Titration: 1.0 µg/ml
Positive Control: Hela Whole cell

C9orf24 Antibody - N-terminal region - References

Yoshisue H.,et al.Am. J. Respir. Cell Mol. Biol. 31:491-500(2004).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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