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C9orf24 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15422

Product Information

Application	WB
Primary Accession	Q8NCR6
Other Accession	NM_032596, NP_115985
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30167

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.

Protein Information

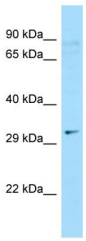
Name	SPMIP6 (HGNC:19919)
Function	May participate in intramanchette transport and midpiece formation of the sperm tail. May play a potential role in somatic cell proliferation.
Cellular Location	Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q2MH31}. Nucleus Cytoplasm. Mitochondrion {ECO:0000250|UniProtKB:Q2MH31}. Cytoplasm, cytoskeleton, flagellum axoneme. 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)

References

Yoshisue H.,et al.Am. J. Respir. Cell Mol. Biol. 31:491-500(2004).
Sha J.H.,et al.Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Haitchi H.M.,et al.Eur. Respir. J. 33:1095-1104(2009).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.