

CCDC176 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15682**Specification**

CCDC176 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8ND07
Other Accession	NM_025057 , NP_079333
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58kDa KDa

CCDC176 Antibody - N-terminal region - Additional Information**Gene ID** 80127**Other Names**

Basal body-orientation factor 1, Coiled-coil domain-containing protein 176, CCDC176, BBOF1, C14orf45

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-CCDC176 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

CCDC176 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CCDC176 Antibody - N-terminal region - Protein Information**Name** BBOF1 ([HGNC:19855](#))**Synonyms** C14orf45, CCDC176**Function**

Plays an essential role in sperm motility and male fertility by stabilizing the sperm flagellar axonemal structure. May be required for the stability of ODF2 and MANS1 proteins. Dispensable for the assembly and function of motile cilia.

Cellular Location

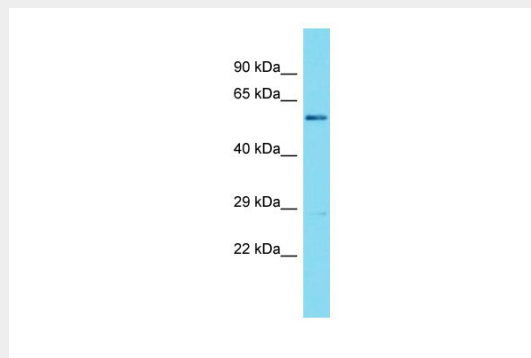
Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:A0JMY4}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q3V079}. Note=Localizes to a polar structure adjacent to the basal body. {ECO:0000250|UniProtKB:A0JMY4}

CCDC176 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 Cytometry](#)
- [Cell Culture](#)

CCDC176 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: CCDC176
Sample Tissue: PANC1 Whole cell lysate
s
Antibody Dilution: 1.0µg/ml

CCDC176 Antibody - N-terminal region - References

Heilig R.,et al.Nature 421:601-607(2003).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).