10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCDC146 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5462a

Product Information

Application	WB, E
Primary Accession	Q8IYE0
Other Accession	NP_065930.2
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26625
Calculated MW	112806
Antigen Region	113-141

Additional Information

Gene ID	57639
Other Names	Coiled-coil domain-containing protein 146, CCDC146, KIAA1505
Target/Specificity	This CCDC146 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-141 amino acids from the N-terminal region of human CCDC146.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CCDC146 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCDC146
Synonyms	KIAA1505
Function	Essential for sperm flagellum biogenesis and male fertility.

Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, flagellum axoneme Cytoplasm, cytoskeleton, cilium basal body. Midbody Note=In sperm cells, was seen localized to only one centriole identified as the mother centriole by co-staining with CEP164 (PubMed:25074808). In other experiments, localization to centrioles in sperm cells was not observed (PubMed:38441556). Localizes to the sperm connecting piece and flagellum during spermiogenesis and to the flagellum in spermatozoa from cauda of the epididymis (By similarity) In sperm cell flagellum, may be associated with tubulin doublets (PubMed:38441556). {ECO:0000250|UniProtKB:E9Q9F7, ECO:0000269|PubMed:25074808, ECO:0000269|PubMed:38441556}
Tissue Location	Widely expressed..

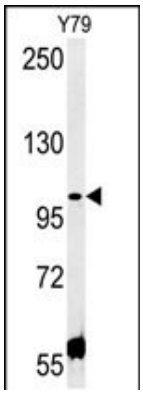
Background

The function ofCCDC146 remains unknown.

References

Kimura, K., et al. Genome Res. 16(1):55-65(2006)

Images



CCDC146 Antibody (N-term) (Cat.#AP5462a) western blot analysis in Y79 cell line lysates (35ug/lane).This demonstrates the CCDC146 antibody detected the CCDC146 protein (arrow).

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