

CCDC38 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10644c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q502W7
Other Accession	Q95JL6 , NP_872302.2
Reactivity	Human, Mouse
Predicted	Monkey, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28590
Calculated MW	65315
Antigen Region	352-380

Additional Information

Gene ID	120935
Other Names	Coiled-coil domain-containing protein 38, CCDC38
Target/Specificity	This CCDC38 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 352-380 amino acids from the Central region of human CCDC38.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	CCDC38 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

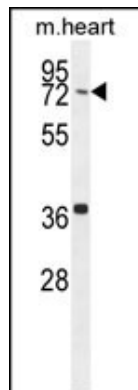
Name	CCDC38
Function	Essential for male fertility. Required for sperm flagellum biogenesis. Also required for acrosome biogenesis. Required for the attachment of developing acrosomes to the nucleus during spermiogenesis and may be involved in the

transport of fibrous sheath components.

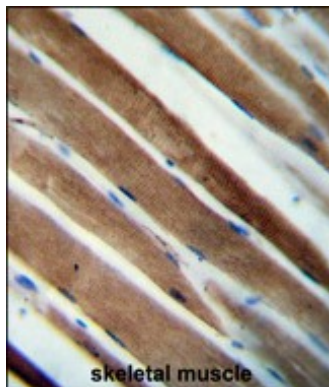
Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q8CDN8}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q8CDN8}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q8CDN8}. Note=Localizes to the sperm flagellum, manchette and the perinuclear region of the sperm head. {ECO:0000250|UniProtKB:Q8CDN8}

Images



CCDC38 Antibody (Center) (Cat. #AP10644c) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the CCDC38 antibody detected the CCDC38 protein (arrow).



CCDC38 Antibody (Center) (Cat. #AP10644c) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CCDC38 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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