

### **CCDC38 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP10644c

#### **Specification**

## **CCDC38 Antibody (Center) - Product Information**

Application IHC-P, WB,E Primary Accession Q502W7

Other Accession

Reactivity

Og5JL6, NP\_872302.2

Human, Mouse

Predicted Monkey
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 65315
Antigen Region 352-380

## CCDC38 Antibody (Center) - 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**

IHC-P~~1:50~100 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**

CCDC38 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

#### CCDC38 Antibody (Center) - 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

#### **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}

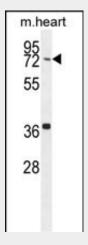
## **CCDC38 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

spermiogenesis and may be involved in the transport of fibrous sheath components.

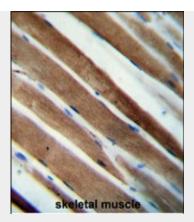
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# CCDC38 Antibody (Center) - 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.