

**CCDC69 Antibody**  
**Catalog # ASC11106****Specification****CCDC69 Antibody - Product Information**

Application	WB, IHC-P, IF, E
Primary Accession	<a href="#">A6NI79</a>
Other Accession	<a href="#">NP_056436, 45935391</a>
Reactivity	Human, Mouse, Rat
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Application Notes	CCDC69 antibody can be used for detection of CCDC69 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

**CCDC69 Antibody - Additional Information**

Gene ID	<b>26112</b>
Target/Specificity	CCDC69;

**Reconstitution & Storage**

CCDC69 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

CCDC69 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CCDC69 Antibody - Protein Information**

Name CCDC69 ([HGNC:24487](#))

**Function**

May act as a scaffold to regulate the recruitment and assembly of spindle midzone components. Required for the localization of AURKB and PLK1 to the spindle midzone.

**Cellular Location**

Cytoplasm, cytoskeleton, spindle. Midbody Note=During early anaphase, localizes along overlapping interpolar microtubules between the separating chromosomes. During late anaphase, localizes to the center of spindle midzone. Concentrated at the midbody during telophase.

**Tissue Location**

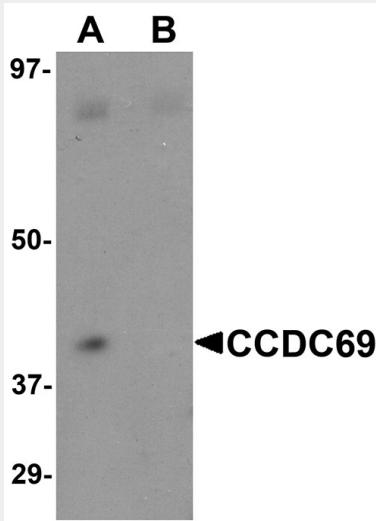
Highly expressed in duodenum, esophagus, pancreas, prostate, salivary gland, thymus and urinary bladder

## CCDC69 Antibody - Protocols

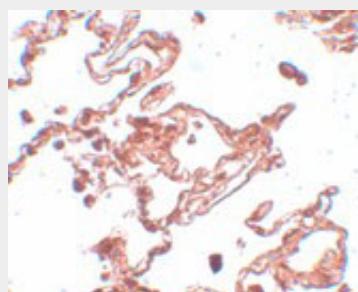
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

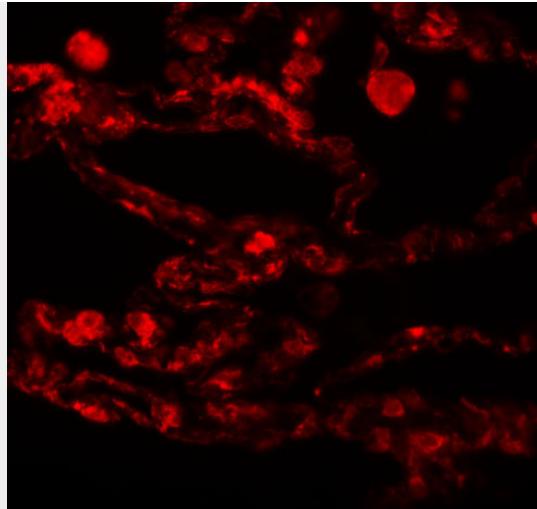
## CCDC69 Antibody - Images



Western blot analysis of CCDC69 in mouse lung tissue lysate with CCDC69 antibody at 1  $\mu$ g/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of CCDC69 in human lung tissue with CCDC69 antibody at 5  $\mu$ g/mL.



Immunofluorescence of CCDC69 in human lung tissue with CCDC69 antibody at 20 µg/mL.

#### **CCDC69 Antibody - Background**

**CCDC69 Antibody:** The coiled-coil domain is a common protein motif that is often involved in protein oligomerization and is found in proteins such as transcription factors and intermediate filaments. The CCDC47 gene maps to chromosome 5 at 5q33.1. Little is known about this protein.

#### **CCDC69 Antibody - References**

Steinmetz MO, Jelesarov I, Matousek WM, et al. Molecular basis of coiled-coil formation. Proc. Natl. Acad. Sci. USA2007; 104:7062-7.