

CCDC69 Antibody

Catalog # ASC11106

Specification

CCDC69 Antibody - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype

Application Notes

NP 056436, 45935391 Human, Mouse, Rat Chicken **Polyclonal** IaY

WB, IHC, IF

A6NI79

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 26112

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 (<u>HGNC:24487</u>)

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

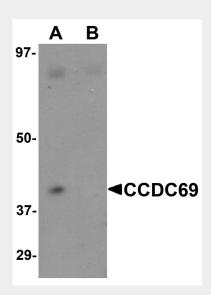


CCDC69 Antibody - Protocols

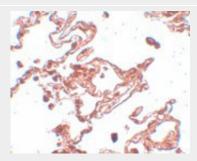
Provided below are standard protocols that you may find useful for product applications.

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

CCDC69 Antibody - Images

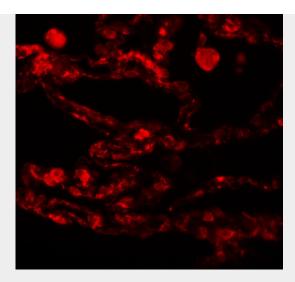


Western blot analysis of CCDC69 in mouse lung tissue lysate with CCDC69 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.



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.