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FAM82A1 Antibody
Catalog # ASC11109

Specification

FAM82A1 Antibody - Product Information

Application	**WB, ICC, IF**
Primary Accession	Q96LZ7
Other Accession	NP_653314, 283046686
Reactivity	**Human, Mouse, Rat**
Host	**Chicken**
Clonality	**Polyclonal**
Isotype	**IgY**
Application Notes	**FAM82A1 antibody can be used for detection of FAM82A1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.**

FAM82A1 Antibody - Additional Information

Gene ID **151393**

Target/Specificity
FAM82A1;

Reconstitution & Storage
FAM82A1 antibody can be stored at 4℃ for three months and -20℃, 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
FAM82A1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FAM82A1 Antibody - Protein Information

Name RMDN2

Synonyms FAM82A, FAM82A1

Cellular Location
Membrane; Single-pass membrane protein. Cytoplasm Cytoplasm, cytoskeleton, spindle Cytoplasm, cytoskeleton, spindle pole Note=In interphase localizes in the cytoplasm, and during mitosis localizes to the spindle microtubules and spindle poles. Also detected as large dots in the perinuclear region

FAM82A1 Antibody - Protocols

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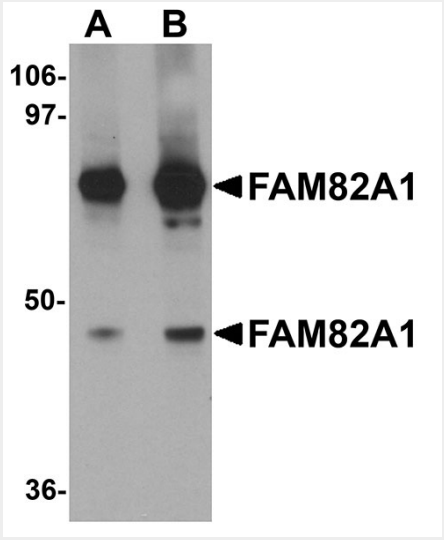
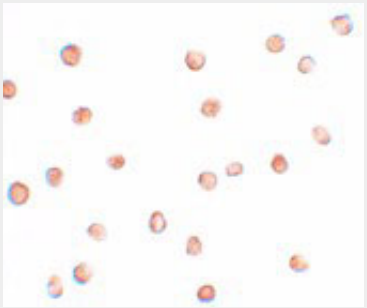
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FAM82A1 Antibody - Images



Western blot analysis of FAM82A1 in K562 cell lysate with FAM82A1 antibody at (A) 1 and (B) 2 µg/mL.



Immunocytochemistry of FAM82A1 in Jurkat cells with ENC-2 antibody at 5 µg/mL.

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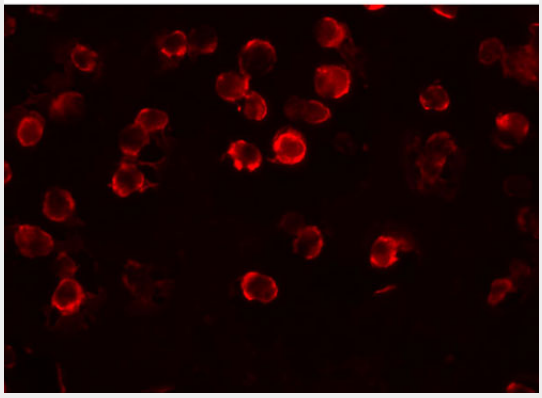

Immunofluorescence of FAM82A1 in K562 cells with FAM82A1 antibody at 20 µg/mL.

FAM82A1 Antibody - Background

FAM82A1 Antibody: The human protein FAM82A1, also known as regulator of microtubule dynamics 2 (RMD2), was one of three proteins identified as related to a family of microtubule-associated proteins in C. elegans. FAM82A1 contains multiple coiled-coil domains and localize to the spindle microtubules and spindle poles during cell division. During interphase, RMD2 localizes to the cytoplasm with protein observed in the microtubule lattice and perinuclear region.

FAM82A1 Antibody - References

Oishi K, Okanu H, and Sawa H. RMD-1, a novel microtubule-associated protein, functions in chromosome segregation in Caenorhabditis elegans. J. Cell Biol.2007; 179:1149-62.