

PLEKHA7 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13539**Specification**

PLEKHA7 antibody - middle region - Product Information

Application	WB
Primary Accession	O6IQ23
Other Accession	NM_175058 , NP_778228
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Rat, Rabbit, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	127kDa KDa

PLEKHA7 antibody - middle region - Additional Information**Gene ID** 144100**Alias Symbol** **DKFZp686M22243****Other Names**

Pleckstrin homology domain-containing family A member 7, PH domain-containing family A member 7, PLEKHA7

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PLEKHA7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PLEKHA7 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

PLEKHA7 antibody - middle region - Protein Information**Name** PLEKHA7**Function**

Required for zonula adherens biogenesis and maintenance (PubMed:19041755). Acts via its interaction with CAMSAP3, which anchors microtubules at their minus-ends to zonula adherens, leading to the recruitment of KIFC3 kinesin to the junctional site (PubMed:19041755). Mediates docking of ADAM10 to zonula adherens through a PDZD11- dependent interaction with the

ADAM10-binding protein TSPAN33 (PubMed: 30463011).

Cellular Location

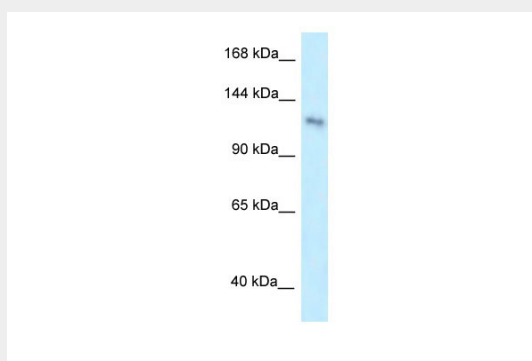
Cell junction, adherens junction. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Localizes to zonula adherens, recruited via its interaction with CTNND1.

PLEKHA7 antibody - middle region - 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](#)

PLEKHA7 antibody - middle region - Images



WB Suggested Anti-PLEKHA7 Antibody Titration: 0.2-1 µg/ml
Positive Control: Hela cell lysate

PLEKHA7 antibody - middle region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Taylor T.D., et al. Nature 440:497-500(2006).
Brill L.M., et al. Anal. Chem. 76:2763-2772(2004).
Meng W., et al. Cell 135:948-959(2008).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).