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PLEKHA7 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13539

Specification

PLEKHA7 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q6IQ23
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).

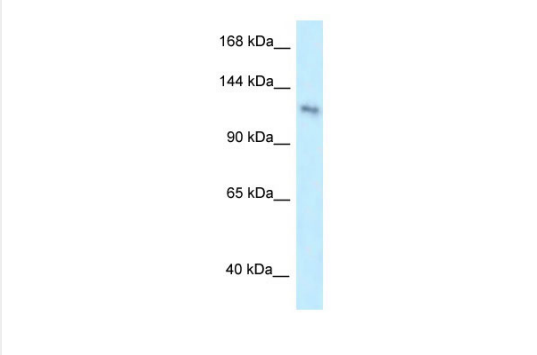
Cellular Location
Cell junction, adherens junction. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Localizes to zonula adherens, recruited via its interaction with CTNND1.

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 Cytomety
- 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).