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PLEKHA7 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13539

Product Information

Application	WB
Primary Accession	Q6IQ23
Other Accession	NM_175058, NP_778228
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rat, Rabbit, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	127135

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.

Protein Information

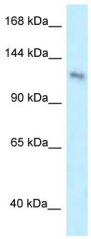
Name	PLEKHA7
Function	Required for zonula adherens biogenesis and maintenance (PubMed:19041755). Acts via its interaction with CAMSAP3, which anchors microtubules at their minus-ends to zonula adherens, leading to the recruitment of KIFC3 kinesin to the junctional site (PubMed:19041755). Mediates docking 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.

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.