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RND1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14697

Product Information

Application	WB
Primary Accession	Q92730
Other Accession	NM_014470, NP_055285
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26056

Additional Information

Gene ID	27289
Alias Symbol	ARHS, FLJ42294, RHO6, RHOS
Other Names	Rho-related GTP-binding protein Rho6, Rho family GTPase 1, Rnd1, RND1, RHO6
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-RND1 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	RND1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

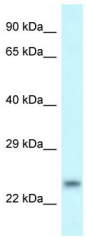
Name	RND1
Synonyms	RHO6
Function	Lacks intrinsic GTPase activity. Has a low affinity for GDP, and constitutively binds GTP. Controls rearrangements of the actin cytoskeleton. Induces the Rac-dependent neuritic process formation in part by disruption of the cortical actin filaments. Causes the formation of many neuritic processes from the cell body with disruption of the cortical actin filaments.
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasm, cytoskeleton

Tissue Location	Mostly expressed in brain and liver.

References

Nobes C.D.,et al.J. Cell Biol. 141:187-197(1998).
Tanaka S.,et al.Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.
Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-RND1 Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell