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Rhou antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11868

Product Information

Application	WB
Primary Accession	Q9EQT3
Other Accession	NM_133955, NP_598716
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28354

Additional Information

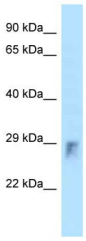
Gene ID	69581
Alias Symbol	2310026M05Rik, AI182090, Arhu, CDC42L1, G28K, WRCH-1, WRCH1, mG28K
Other Names	Rho-related GTP-binding protein RhoU, Rho GTPase-like protein ARHU, Wnt-1 responsive Cdc42 homolog 1, WRCH-1, Rhou {ECO:0000312|MGI:MGI:1916831}
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Rhou 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	Rhou antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Rhou {ECO:0000312|MGI:MGI:1916831}
Function	Binds to and activates protein kinase PAK1. Plays a role in the regulation of cell morphology, cytoskeletal organization and focal adhesion assembly during cell migration. Also stimulates quiescent cells to reenter the cell cycle. Has no detectable GTPase activity but its high intrinsic guanine nucleotide exchange activity suggests it is constitutively GTP-bound.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q7L0Q8}; Lipid-anchor {ECO:0000250|UniProtKB:Q7L0Q8}; Cytoplasmic side {ECO:0000250|UniProtKB:Q7L0Q8}. Golgi apparatus membrane

{ECO:0000250|UniProtKB:Q7L0Q8}; Lipid-anchor
{ECO:0000250|UniProtKB:Q7L0Q8}. Cell junction, focal adhesion
{ECO:0000250|UniProtKB:Q7L0Q8}. Cell projection, podosome
{ECO:0000250|UniProtKB:Q7L0Q8}. Note=Localizes to podosomes in SRC-transformed cells. {ECO:0000250|UniProtKB:Q7L0Q8}

Images



WB Suggested Anti-Rhou Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Small Intestine

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