

Rhou antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11868**Specification**

Rhou antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9EQT3
Other Accession	NM_133955 , NP_598716
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 28kDa KDa

Rhou antibody - N-terminal region - 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.

Rhou antibody - N-terminal region - Protein Information**Name** Rhou {ECO:0000312|MGI:MGI:1916831}**Function**

Acts upstream of PAK1 to regulate the actin cytoskeleton, adhesion turnover and increase cell migration. 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. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape (By similarity).

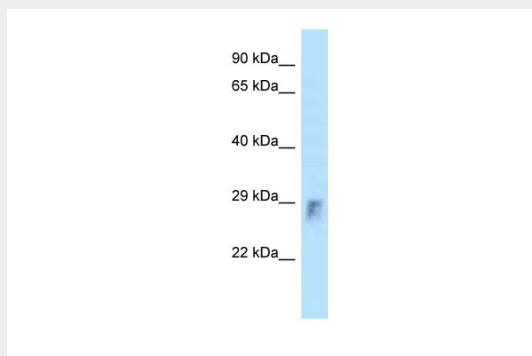
Cellular Location

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}

Rhou antibody - N-terminal 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](#)

Rhou antibody - N-terminal region - Images

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