

**ARHU / WRCH1 Antibody (N-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2257a****Specification**

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**ARHU / WRCH1 Antibody (N-Term) - Product Information**

Application	E
Primary Accession	<a href="#">O7L0O8</a>
Other Accession	<a href="#">NP_067028.1</a> , <a href="#">58480</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	28218

**ARHU / WRCH1 Antibody (N-Term) - Additional Information****Gene ID** 58480**Other Names**

Rho-related GTP-binding protein RhoU, CDC42-like GTPase 1, GTP-binding protein-like 1, Rho GTPase-like protein ARHU, Ryu GTPase, Wnt-1 responsive Cdc42 homolog 1, WRCH-1, RHOU (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=17794" target="\_blank">HGNC:17794</a>)

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ARHU / WRCH1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ARHU / WRCH1 Antibody (N-Term) - Protein Information****Name** RHOU ([HGNC:17794](#))**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.

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid-anchor. Cell junction, focal adhesion. Cell projection, podosome. Note=Localizes to podosomes in SRC-transformed cells.

**Tissue Location**

Ubiquitously expressed in all tissues examined. Expressed at high levels in the stomach, small intestine, brain, skeletal muscle and placenta.

**ARHU / WRCH1 Antibody (N-Term) - 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](#)

**ARHU / WRCH1 Antibody (N-Term) - Images****ARHU / WRCH1 Antibody (N-Term) - References**

Wrch-1, a novel member of the Rho gene family that is regulated by Wnt-1. Tao W, Pennica D, Xu L, Kalejta RF, Levine AJ. Genes Dev. 2001 Jul 15;15(14):1796-807. PMID: 11459829