

ARAP3 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2366a**Specification**

ARAP3 Antibody (C-Term) - Product Information

Application	WB, IP, E
Primary Accession	Q8WWN8
Other Accession	NP_071926.4 , 64411
Reactivity	Human
Predicted	Mouse, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	169844

ARAP3 Antibody (C-Term) - Additional Information**Gene ID** 64411**Other Names**

Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3, Centaurin-delta-3, Cnt-d3, ARAP3, CENTD3

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

ARAP3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ARAP3 Antibody (C-Term) - Protein Information**Name** ARAP3**Synonyms** CENTD3**Function**

Phosphatidylinositol 3,4,5-trisphosphate-dependent GTPase- activating protein that modulates actin cytoskeleton remodeling by regulating ARF and RHO family members. Is activated by phosphatidylinositol 3,4,5-trisphosphate (PtdIns(3,4,5)P3) binding. Can be activated by phosphatidylinositol 3,4-bisphosphate (PtdIns(3,4,5)P2) binding, albeit with lower efficiency. Acts

on ARF6, RAC1, RHOA and CDC42. Plays a role in the internalization of anthrax toxin.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein. Cell projection, lamellipodium. Cell projection, ruffle. Note=Cytoplasmic, and associated with F-actin-rich membrane ruffles and lamellipodia.

ARAP3 Antibody (C-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](#)

ARAP3 Antibody (C-Term) - Images**ARAP3 Antibody (C-Term) - References**

Identification of ARAP3, a novel PI3K effector regulating both Arf and Rho GTPases, by selective capture on phosphoinositide affinity matrices. Krugmann S, Anderson KE, Ridley SH, Risso N, McGregor A, Coadwell J, Davidson K, Eguinoa A, Ellson CD, Lipp P, Manifava M, Ktistakis N, Painter G, Thuring JW, Cooper MA, Lim ZY, Holmes AB, Dove SK, Michell RH, Grewal A, Nazarian A, Erdjument-Bromage H, Te Mol Cell. 2002 Jan;9(1):95-108. PMID: 11804589