

ARAP3 polyclonal antibody

Catalog # PAB6483 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ARAP3.
Immunogen	A synthetic peptide corresponding to human ARAP3.
Sequence	CTSSPPSSQPLT
Host	Goat
Theoretical MW (kDa)	170
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARAP3

Entrez GeneID [64411](#)

Protein Accession# [NP_071926](#)

Gene Name ARAP3

Gene Alias CENTD3, DRAG1, FLJ21065

Gene Description ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3

Omim ID [606647](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a phosphoinositide binding protein containing ARF-GAP, RHO-GAP, RAS-associating, and pleckstrin homology domains. The ARF-GAP and RHO-GAP domains cooperate in mediating rearrangements in the cell cytoskeleton and cell shape. It is a specific PtdIns(3,4,5)P₃/PtdIns(3,4)P₂-stimulated Arf6-GAP protein. An alternatively spliced transcript has been found for this gene, but its biological validity has not been determined. [provided by RefSeq]

Other Designations ARF-GAP, RHO-GAP, ankyrin repeat and pleckstrin homology domains-containing protein 3|Arf and Rho GAP adapter protein 3|PtdIns(3,4,5)P₃-binding protein|centaurin, delta 3|phosphoinositide binding protein

Publication Reference

- [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, Tempst P, Stephens LR, Hawkins PT.

Molecular Cell 2002 Jan; 9(1):95.

Application: WB-Ti, Pig, Leukocytes, Pig tissues, Spleens

Pathway

- [Endocytosis](#)