

## ARG63565 anti-CENTB1 / ACAP1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CENTB1 / ACAP1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CENTB1 / ACAP1
Species	Human
Immunogen	C-EKLSRRSHDLHTL
Conjugation	Un-conjugated
Alternate Names	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1; Centaurin-beta-1; CENTB1; Cnt-b1

### Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

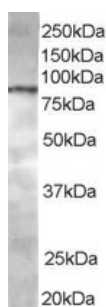
## Bioinformation

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Database links	<a href="#">GeneID: 9744 Human</a> <a href="#">Swiss-port # Q15027 Human</a>
Gene Symbol	ACAP1
Gene Full Name	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1
Function	GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6) required for clathrin-dependent export of proteins from recycling endosomes to trans-Golgi network and cell surface. Required for regulated export of ITGB1 from recycling endosomes to the cell surface and ITGB1-dependent cell migration. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	82 kDa
PTM	Phosphorylation at Ser-554 by PKB is required for interaction with ITGB1, export of ITGB1 from recycling endosomes to the cell surface and ITGB1-dependent cell migration.

## Images

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ARG63565 anti-CENTB1 / ACAP1 antibody WB image

Western Blot: Jurkat lysate (RIPA buffer, 35µg total protein per lane) stained with ARG63565 anti-CENTB1 / ACAP1 antibody diluted in 0.5µg/ml.