

兔抗 ACAP1 多克隆抗体

中文名称：兔抗 ACAP1 多克隆抗体

英文名称： Anti-ACAP1 rabbit polyclonal antibody

别名： ArfGAP with coiled-coil, ankyrin repeat and PH domains 1; CENTB1

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： ACAP1

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

ACAP1, also designated Centaurin- β 1 (CENTB1 or Cnt- β 1), is a member of the ADP ribosylation factor family of ARF GTPase-activating proteins (GAP). GAPs are important regulators of Arf function by controlling the return of ARF to its inactive state. ACAP1 is related to AGAP1 and ASAP1, and all three proteins are similarly expressed in fibroblast cells such as NIH/3T3. Internalization and recycling of integrin receptors is important in cell adhesion and migration modulation, and once inside a cell, proteins and membranes are transported to the endosome where they are sorted for recycling or degradation. ACAP1 promotes cargo sorting by associating directly to recycling cargo proteins. Preventing this interaction inhibits protein recycling. ACAP

	1 binds transferrin receptors, promoting their transport to the plasma membrane from the endosome. Akt induced p hosphorylation of ACAP1 at Ser 554 regulates ACAP1 inter action to integrin in endosomes, and downregulation of A kt or ACAP1 may inhibit cell migration on Fibronectin.
Applications:	ELISA, WB, IHC
Name of antibody:	ACAP1
Immunogen:	Fusion protein of human ACAP1
Full name:	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1
Synonyms:	CENTB1
SwissProt:	Q15027
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human thyroid cancer
IHC Recommend dilution:	25-100
WB Predicted band size:	82 kDa
WB Positive control:	Mouse lung tissue lysate
WB Recommended dilution:	200-1000



