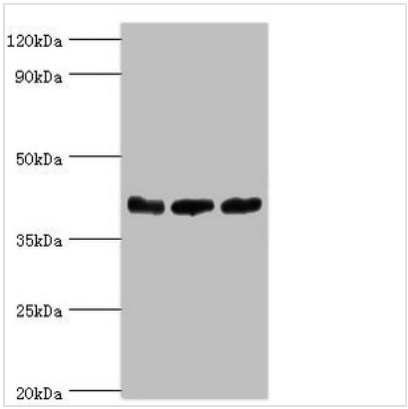
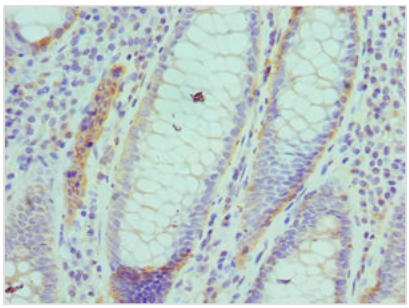
ARFGAP1 Antibody

Product Code	CSB-PA843284ESR2HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8N6T3
Immunogen	Recombinant Human ADP-ribosylation factor GTPase-activating protein 1 protein (1-220AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200
Relevance	GTPase-activating protein (GAP) for the ADP ribosylation factor 1 (ARF1). Involved in membrane trafficking and /or vesicle transport. Promotes hydrolysis of the ARF1-bound GTP and thus, is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles, a prerequisite for vesicle\\\'s fusion with target compartment. Probably regulates ARF1-mediated transport via its interaction with the KDELR proteins and TMED2. Overexpression induces the redistribution of the entire Golgi complex to the endoplasmic reticulum, as when ARF1 is deactivated. Its activity is stimulated by phosphoinosides and inhibited by phosphatidylcholine .
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	ADP-ribosylation factor GTPase-activating protein 1 (ARF GAP 1) (ADP-ribosylation factor 1 GTPase-activating protein) (ARF1 GAP) (ARF1-directed GTPase-activating protein), ARFGAP1, ARF1GAP
Species	Human
Research Area	Signal Transduction
Target Names	ARFGAP1
Image	



Western blot
All lanes: ADP-ribosylation factor GTPase-activating protein 1 antibody at 5µg/ml
Lane 1: PC-3 whole cell lysate
Lane 2: Hela whole cell lysate
Lane 3: Mouse brain tissue
Secondary
Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 45, 46, 32, 40 kDa
Observed band size: 45 kDa



Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA843284ESR2HU at dilution of 1:100