

Anti-Centaurin-alpha-1 Antibody

Catalog # AP95650

Product Information

Application	WB, FC
Primary Accession	O75689
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	43395

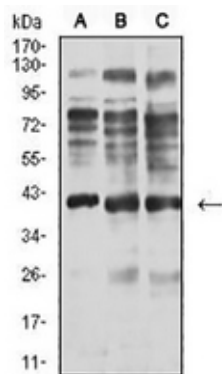
Additional Information

Gene ID	11033
Other Names	CENTA1; Arf-GAP with dual PH domain-containing protein 1; Centaurin-alpha-1; Cnt-a1; Putative MAPK-activating protein PM25
Target/Specificity	Recombinant fusion protein of human Centaurin-alpha-1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

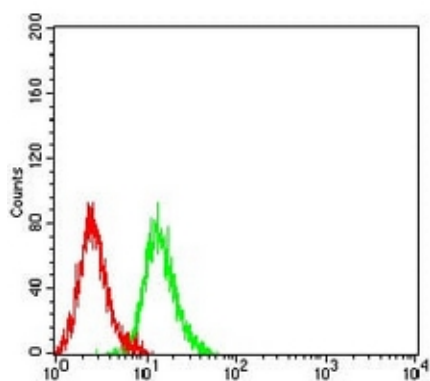
Protein Information

Name	ADAP1
Synonyms	CENTA1
Function	GTPase-activating protein for the ADP ribosylation factor family (Probable). Binds phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and inositol 1,3,4,5-tetrakisphosphate (InsP4). Regulates the incorporation of CD63 and CD9 into multivesicular bodies (PubMed: 38682696).
Cellular Location	Nucleus. Cytoplasm. Note=Recruited to the plasma membrane upon epidermal growth factor-dependent activation of phosphatidylinositol 4,5-diphosphate (PtdInsP2) 3-kinase
Tissue Location	Expressed at highest levels in brain and at lower levels in peripheral blood leukocytes.

Images



Western blot analysis of Centaurin-alpha-1 expression in C6 (A), A549 (B), HepG2 (C) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 42 kD)



Flow cytometric analysis of K562 cells using Anti-Centaurin-alpha-1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.