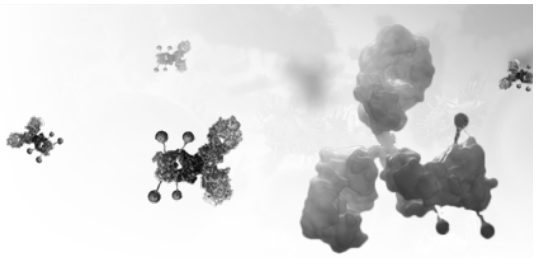

Mouse anti-Human ARAP1 monoclonal antibody, clone BSBQ23 (CABT-B9781)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant His6 fusion protein corresponding to amino acids 1190-1450 of human ARAP1.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	BSBQ23
Conjugate	Unconjugated
Applications	WB,ICC,IF,IP
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.4 (15 mM sodium azide)
Storage	-20 °C, Avoid freeze / thaw cycles

BACKGROUND

Introduction	The protein encoded by this gene contains SAM, ARF-GAP, RHO-GAP, ankyrin repeat, RAS-associating, and pleckstrin homology (PH) domains. In vitro, this protein displays RHO-GAP and phosphatidylinositol (3,4,5) trisphosphate (PIP3)-dependent ARF-GAP activity. The encoded protein associates with the Golgi, and the ARF-GAP activity mediates changes in the Golgi and the formation of filopodia. It is thought to regulate the cell-specific trafficking of a

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	receptor protein involved in apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
Keywords	ARAP1; ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1; CENTD2; arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1; cnt-d2; centaurin-delta-2; centaurin, delta 2; ARF-GAP, RHO-GAP, ankyrin repeat, and pleckstrin homology domains-containing protein 1;

GENE INFORMATION

Entrez Gene ID	116985
UniProt ID	Q96P48
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem
Function	ARF GTPase activator activity; GTPase activator activity; Rho GTPase activator activity; metal ion binding; phosphatidylinositol-3,4,5-trisphosphate binding; protein binding; zinc ion binding

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