



Human ARAP1 blocking peptide (CDBP0763)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CENTD2/ARAP1 antibody
Antigen Description	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 receptor protein involved in apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ARAP1 ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1 [Homo sapiens]
Official Symbol	ARAP1
Synonyms	ARAP1; ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1; centaurin, delta 2 ,

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; CENTD2; KIAA0782;

Entrez Gene ID	116985
mRNA Refseq	NM_001040118
Protein Refseq	NP_001035207
UniProt ID	Q96P48
Chromosome Location	11q13.3
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	ARF GTPase activator activity; Rho GTPase activator activity; metal ion binding; phosphatidylinositol-3,4,5-trisphosphate binding; protein binding; zinc ion binding;