



Human ARAP2 blocking peptide (CDBP0461)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ARAP2 antibody
Antigen Description	The protein encoded by this gene contains ARF-GAP, RHO-GAP, ankyrin repeat, RAS-associating, and pleckstrin homology domains. The protein is a phosphatidylinositol (3,4,5)-trisphosphate-dependent Arf6 GAP that binds RhoA-GTP, but it lacks the predicted catalytic arginine in the RHO-GAP domain and does not have RHO-GAP activity. The protein associates with focal adhesions and functions downstream of RhoA to regulate focal adhesion dynamics.
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	ARAP2 ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2 [Homo sapiens]
Official Symbol	ARAP2
Synonyms	ARAP2; ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2; centaurin, delta 1 , CENTD1; arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 2; PARX; cnt-d1; centaurin-delta-1; centaurin, delta 1; Arf and Rho GAP adapter protein 2;

CENTD1; FLJ13675; FLJ44916; KIAA0580;

Entrez Gene ID	116984
mRNA Refseq	NM_015230
Protein Refseq	NP_056045
UniProt ID	Q8WZ64
Chromosome Location	4p15.1
Pathway	Arf6 signaling events, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	ARF GTPase activator activity; metal ion binding; phosphatidylinositol-3,4,5-trisphosphate binding; zinc ion binding;