

Goat anti-CENTD2 / ARAP1 Antibody

Item Number	dAP-0254
Target Molecule	Principle Name: CENTD2 / ARAP1; Official Symbol: ARAP1; All Names and Symbols: ARAP1; CENTD2; centaurin, delta 2; KIAA0782; ARF-GAP, RHO-GAP, ankyrin repeat, and pleckstrin homology domains-containing protein 1; ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1; OT-THUMP00000211462; Accession Number (s): NP_056057.2; NP_001035207.1; NP_001128662.1; Human Gene ID(s): 116985; Non-Human GenID(s): 69710 (mouse)
Immunogen	AFTADPLSLLRNV, is from C Terminus This antibody is expected to recognise isoform a (NP_056057.2), isoform c (NP_001035207.1) and isoform d (NP_001128662.1).
Applications	Pep ELISA, WB, ICC Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: This antibody showed a 150kDa in NIH3T3 lysates.
IHC	Immunohistochemistry: This antibody showed staining concentrated at the ruffles over lamellipodia and focal complexes but not at focal adhesions in NIH3T3 cells.
Reference	Reference(s): Miura K, Jacques KM, Stauffer S, Kubosaki A, Zhu K, Hirsch DS, Resau J, Zheng Y, Randazzo PA. ARAP1: a point of convergence for Arf and Rho signaling. Mol Cell. 2002 Jan;9(1):109-19.. PMID: 11804590 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**