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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06105 - Goat Anti-CENTD3 / ARAP3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Arf and Rho GAP adapter protein 3, DRAG1, ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3, phosphoinositide binding protein, PtdIns(3,4,5)P3-binding protein, ARF-GAP, RHO-GAP, ankyrin repeat and plekstrin homology domains-containing protein 3, FLJ21065, ARAP3, centaurin, delta 3, CENTD3

**Official Symbol:** CENTD3

**Accession Number(s):** NP\_071926.4

**Human GeneID(s):** [64411](#)

### Immunogen

Peptide with sequence CTSSPPSSQPLT, from the C Terminus of the protein sequence according to NP\_071926.4.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Preliminary experiments gave no signal but low background in Human Heart and Jurkat extracts at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human

### Background Reference

Krugmann S, Anderson KE, Ridley SH, Risso N, McGregor A, Coadwell J, Davidson K, Eguinoa A, Ellson CD, Lipp P, Manifava M, Ktistakis N, Painter G, Thuring JW, Cooper MA, Lim ZY, Holmes AB, Dove SK, Michell RH, Grewal A, Nazarian A, Erdjument-Bromage H, Tempst P, Stephens LR, Hawkins PT.

Identification of ARAP3, a novel PI3K effector regulating both Arf and Rho GTPases, by selective capture on phosphoinositide affinity matrices.

Mol Cell. 2002 Jan;9(1):95-108.

**PMID:** 11804589