

**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.

## EB06120 - Goat Anti-CENTA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ArfGAP with dual PH domains 1, centaurin-alpha, p42IP4, GCS1L, centaurin, alpha 1, CENTA1, ADAP1

**Official Symbol:** ADAP1

**Accession Number(s):** NP\_006860.1

**Human GeneID(s):** [11033](#)

**Non-Human GeneID(s):** 231821 (mouse), 171097 (rat)

### Immunogen

Peptide with sequence C-QEYAVEAHFKHKP, from the C Terminus of the protein sequence according to NP\_006860.1.

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 1:32000.

**Western blot:** Approx 40kDa band observed in Human Brain and Mouse Brain lysates (calculated MW of 43.4kDa according to NP\_006860). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Pig, Dog

### Specific Reference

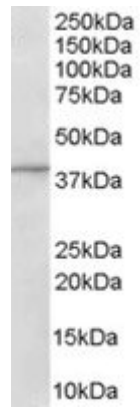
The goat polyclonal antibody used in this paper was manufactured by us:

Moore CD, Thacker EE, Larimore J, Gaston D, Underwood A, Kearns B, Patterson SI, Jackson T, Chapleau C, Pozzo-Miller L, Theibert A.

The neuronal Arf GAP centaurin alpha1 modulates dendritic differentiation.

J Cell Sci. 2007 Aug 1;120(Pt 15):2683-93.

**PMID:** 17635995



EB06120 (1 $\mu$ g/ml) staining of Human Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.