

## UK Office

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diagnostic or therapeutic use.**

## EB09922 - Goat Anti-DDA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** C19orf58, cross-immune reaction antigen PCIA1, DET1 and DDB1 associated 1, MGC2594, PCIA1, DDA1

**Official Symbol:** DDA1

**Accession Number(s):** NP\_076955.1

**Human GeneID(s):** [79016](#)

**Non-Human GeneID(s):** 66498 (mouse)

### Immunogen

Peptide with sequence C-PTREYPSEQUIIVTE, from the internal region of the protein sequence according to NP\_076955.1.

### 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:** Preliminary experiments gave an approx 25kDa band in Mouse Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 11.8kDa according to NP\_076955.1. The 25kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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

### Background Reference

Olma MH, Roy M, Le Bihan T, Sumara I, Maerki S, Larsen B, Quadroni M, Peter M, Tyers M, Pintard L,

An interaction network of the mammalian COP9 signalosome identifies Dda1 as a core subunit of multiple Cul4-based E3 ligases.

Journal of cell science 2009 Apr 122 (Pt 7): 1035-44.

PMID: 19295130