



## UK Office

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

## EB08971 - Goat Anti-DIAPH1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DIAPH1, diaphanous homolog 1 (Drosophila), DFNA1, DIA1, DRF1, FLJ25265, LFHL1, hDIA1, diaphanous 1, diaphanous-1, diaphanous-related formin 1

**Official Symbol:** DIAPH1

**Accession Number(s):** NP\_005210.3; NP\_001073280.1; NP\_001300936.1

**Human GeneID(s):** [1729](#)

**Non-Human GeneID(s):** 13367 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_005210.3; NP\_001073280.1).

### Immunogen

Peptide with sequence C-QTKTSKAKKDQ, from the internal region of the protein sequence according to NP\_005210.3; NP\_001073280.1; NP\_001300936.1.

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 140kDa band observed in lysates of cell line NIH3T3 (calculated MW of 141kDa according to Human NP\_005210.3 and 139kDa according to Mouse NP\_031884.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Mouse

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



EB08971 (0.3 $\mu$ g/ml) staining of NIH3T3 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.