

## UK Office

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

## EB09731 - Goat Anti-EYA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EYA1, eyes absent homolog 1 (Drosophila), BOP, BOR, MGC141875, Eyes absent, Drosophila, homolog of, 1, Melnick-Fraser syndrome, OTTHUMP00000195053, eyes absent 1

**Official Symbol:** EYA1

**Accession Number(s):** NP\_742057.1; NP\_000494.2; NP\_742056.1

**Human GeneID(s):** [2138](#)

**Non-Human GeneID(s):** 14048 (mouse), 502935 (rat)

**Important Comments:** This antibody is expected to recognize all isoforms (NP\_742057.1; NP\_000494.2; NP\_742056.1). Reported variants represent identical protein: NP\_000494.2, NP\_742055.1

### Immunogen

Peptide with sequence C-TDPTAEYSTIHSP, from the internal region of the protein sequence according to NP\_742057.1; NP\_000494.2; NP\_742056.1.

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 1:16000.

**Western blot:** Approx 55kDa band observed in lysates of cell line HEK293 (calculated MW of 60.7kDa according to NP\_742056.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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

EB09731 (2µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.