

## UK Office

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

## EB09847 - Goat Anti-HOXA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BSAS, homeo box A1, homeobox 1F, homeobox A1, homeobox protein HOX-A1, Hox 1.6-like protein, HOX A1 homeodomain protein, HOX1, HOX1F, lab-like protein, MGC45232, HOXA1

**Official Symbol:** HOXA1

**Accession Number(s):** NP\_005513.1; NP\_705873.2

**Human GeneID(s):** [3198](#)

**Non-Human GeneID(s):** 15394 (mouse), 25607 (rat)

**Important Comments:** This antibody is expected to recognize reported isoforms a and b (NP\_005513.1; NP\_705873.2).

### Immunogen

Peptide with sequence C-QPATYQTSGN, from the internal region of the protein sequence according to NP\_005513.1; NP\_705873.2.

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 1:8000.

**Western blot:** In transfected HEK293 transiently expressing Human HOXA1 (MYC and DYKDDDDK tagged), a band of approx. 19kDa is observed. No bands are observed in mock-transfected HEK293 and the same band is observed using anti-MYC Tag antibody. Recommended concentration, 1-3µg/ml.

Purchase the +ve control! The transfected lysate used in QC is available for sale. Please email [sales@everestbiotech.com](mailto:sales@everestbiotech.com) to request datasheet, pricing and delivery information.

### Species Reactivity

**Tested:** Human

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

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human HOXA1 (RC222721) with C-terminal MYC tag probed with EB09847 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB09847 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.