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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 GenelD(s): <u>3198</u> Non-Human GenelD(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

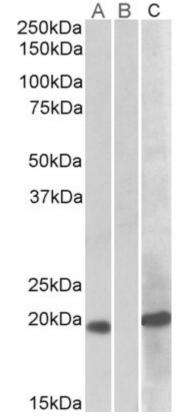
Peptide ELISA: antibody detection limit dilution 1:8000.

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@everestiotech.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.