

# GOAT ANTI-HOXA4 / HOX-1.4 (MOUSE) ANTIBODY

**SKU:** EB10044



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## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym /** AV206827|AV206827|homeo box A4|homeobox

**Alias Names** A4|HOX1|Hox-1.4|Hox-1.4|MGC130055|OTTMUSP00000020423|Hoxa4

**Accession ID** NP\_032291.1

**Blocking Peptide** EBP10044

**Immunogen** Peptide with sequence C-DQGPAGPKGKEP, from the internal region of the protein sequence according to NP\_032291.1.

**Peptide Sequence** C-DQGPAGPKGKEP

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Mouse

**Mouse Gene ID** 15401

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png)

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:2000.

**Western Blot** Preliminary experiments gave an approx 26kDa band in Mouse Colon 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 30.5kDa according to NP\_032291.1. The 26kDa 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?

**Application Type** Pep-ELISA

## DOCUMENTS

- [Data Sheet](#)