



## UK Office

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

## EB09005 - Goat Anti-HOXB4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HOXB4, homeobox B4, HOX-2.6, HOX2, HOX2F, homeo box 2F, homeo box B4

**Official Symbol:** HOXB4

**Accession Number(s):** NP\_076920.1

**Human GeneID(s):** [3214](#)

**Non-Human GeneID(s):** 15412 (mouse)

### Immunogen

Peptide with sequence C-EYSQSDYLPSDH, from the internal region of the protein sequence according to NP\_076920.1.

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:** Preliminary experiments in lysates of K562 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

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