

## UK Office

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

## EB12208 - Goat Anti-HOXC6 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HOXC6, homeobox C6, CP25, HHO.C8, HOX3, HOX3C, homeo box 3C, homeo box C6, homeo box C8 protein, homeobox protein CP25, homeobox protein HHO.C8, homeobox protein Hox-3C, homeobox protein Hox-C6

**Official Symbol:** HOXC6

**Accession Number(s):** NP\_004494.1

**Human GeneID(s):** [3223](#)

**Non-Human GeneID(s):** 15425 (mouse), 252885 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_004494.1) only.

### Immunogen

Peptide with sequence C-PNVALNSTAYDPVRH, from the internal region (near N Terminus) of the protein sequence according to NP\_004494.1.

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 1:128000.

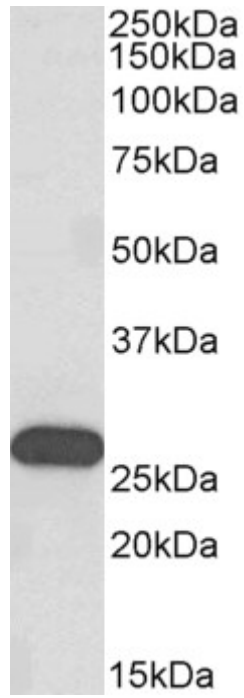
**Western blot:** Approx 26kDa band observed in Human Brain (Olfactory bulb) and in Rat and Pig Brain lysates (calculated MW of 26.9kDa according to NP\_004494.1). In Mouse Brain lysates the band runs like a 27kDa band. Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

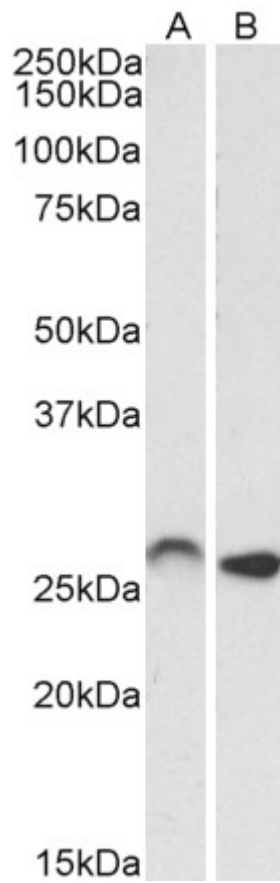
### Species Reactivity

**Tested:** Human, Mouse, Rat, Pig

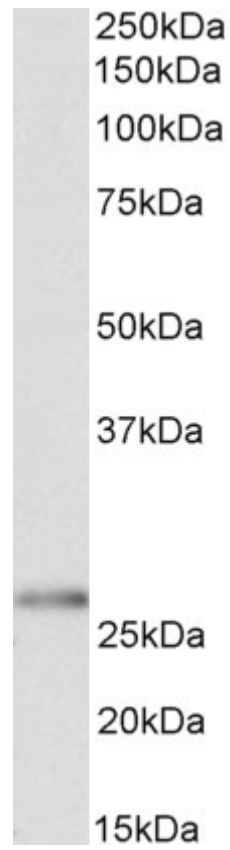
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



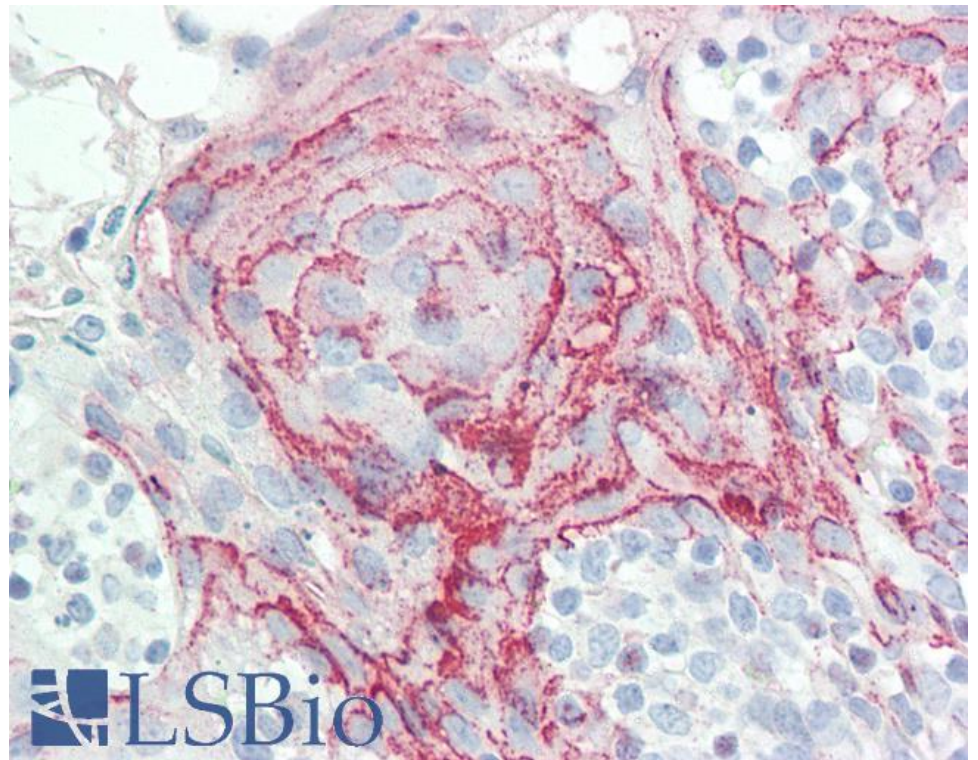
EB12208 (0.3µg/ml) staining of Human Olfactory bulb lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12208 (0.01µg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12208 (0.03 $\mu$ g/ml) staining of Pig Brain lysates (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12208 (5 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.