

#### **International Office**

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# 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 GenelD(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:

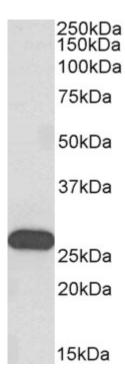
 $0.03\text{-}0.1\mu\text{g/ml}.$  Primary incubation was 1 hour.

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

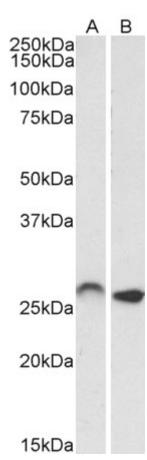
## **Species Reactivity**

Tested: Human, Mouse, Rat, Pig

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



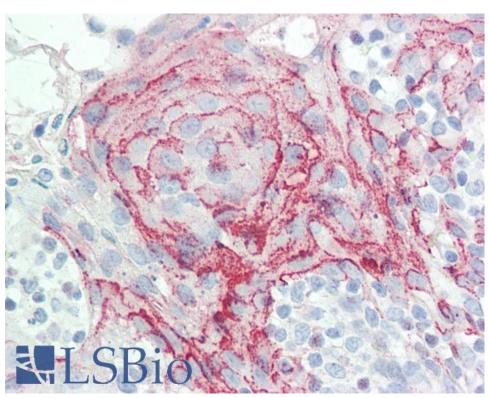
EB12208 (0.3 $\mu$ g/ml) staining of Human Olfactory bulb lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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



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