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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 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

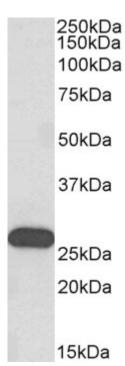
Brain lysates the band runs like a 27kDa band. Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

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

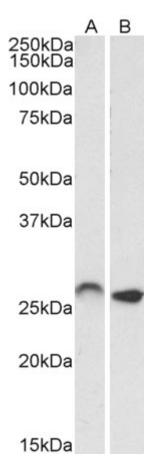
Species Reactivity

Tested: Human, Mouse, Rat, Pig

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



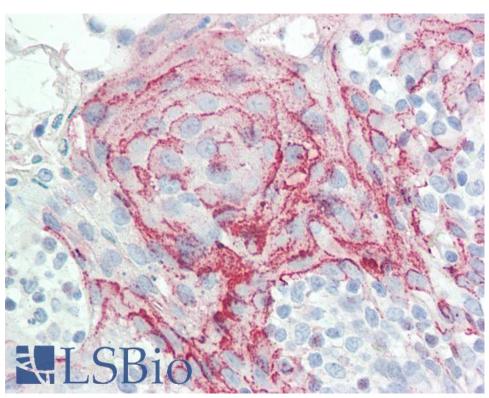
EB12208 (0.3 μ g/ml) staining of Human Olfactory bulb lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



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 μ g/ml) staining of Pig Brain lysates (35 μ 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.