

#### **International Office**

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# EB11808 - Goat Anti-histamine H3 receptor Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: G protein-coupled receptor 97, GPCR97, G-protein coupled receptor

97, H3R, HH3R, histamine H3 receptor, histamine receptor H3, HRH3,

OTTHUMP00000031459
Official Symbol: HRH3

Accession Number(s): NP\_009163.2

Human GeneID(s): 11255

Non-Human GenelD(s): 99296 (mouse), 85268 (rat)

#### **Immunogen**

Peptide with sequence C-SVTRAVSYRAQQGDT, from the internal region of the protein sequence according to NP\_009163.2.

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 48kDa band observed in lysates of cell line A549 (calculated MW of 48.7kDa according to NP\_009163.2). Recommended concentration: 0.1-0.3µg/ml.

Primary incubation was 1 hour.

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

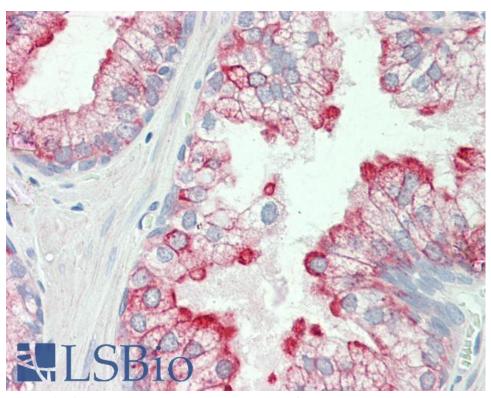
## **Species Reactivity**

Tested: Human

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

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

 $EB11808\ (0.1\mu\text{g/ml})\ staining\ of\ A549\ lysate\ (35\mu\text{g}\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$ 



EB11808 ( $5\mu g/ml$ ) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.