



## UK Office

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

## 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 GeneID(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.

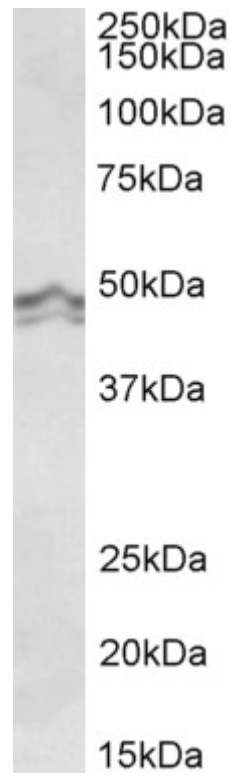
**Western blot:** Approx 48kDa band observed in lysates of cell line A549 (calculated MW of 48.7kDa according to NP\_009163.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

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

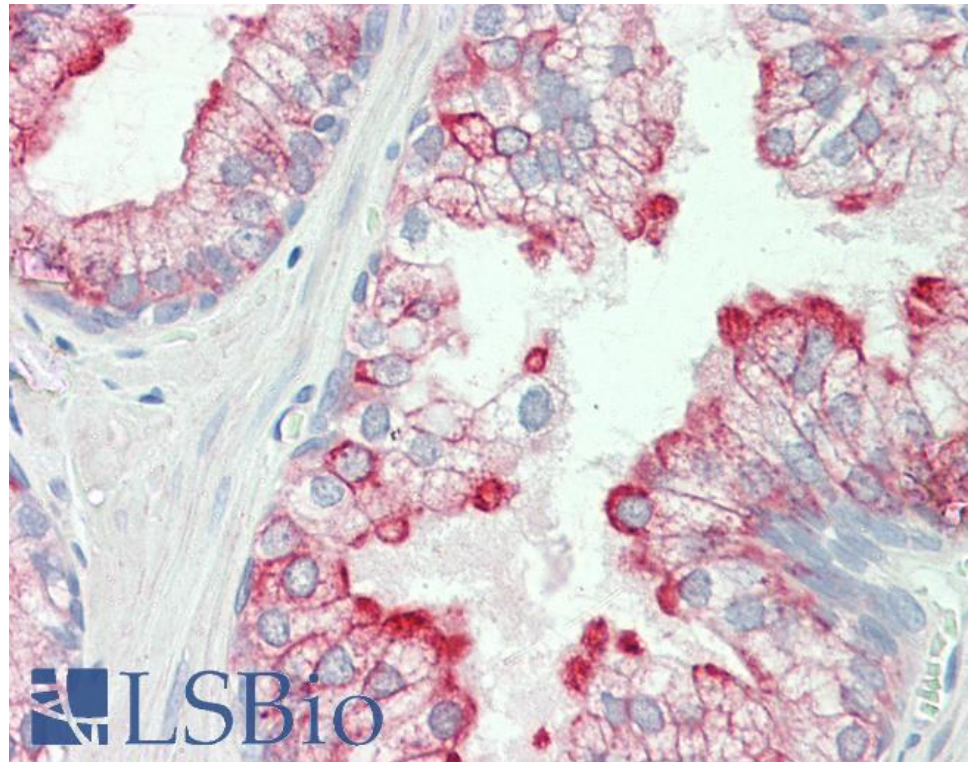
### Species Reactivity

**Tested:** Human

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



EB11808 (0.1 µg/ml) staining of A549 lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



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