

## UK Office

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

## EB05570 - Goat Anti-GATA3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GATA3, GATA binding protein 3, HDR, MGC2346, MGC5199, MGC5445, GATA-binding protein 3, enhancer-binding protein GATA3

**Official Symbol:** GATA3

**Accession Number(s):** NP\_001002295.1; NP\_002042.1

**Human GeneID(s):** [2625](#)

**Non-Human GeneID(s):** 14462 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001002295.1 and NP\_002042.1).

### Immunogen

Peptide with sequence EVTADQPRWVSHH-C, from the N Terminus of the protein sequence according to NP\_001002295.1; NP\_002042.1.

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 1:64000.

**Western blot:** Approx 46kDa band observed in Human Tonsil and in Mouse Kidney lysates. (calculated MW of 47.9kDa according to NP\_002042.1 and Mouse NP\_032117.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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

EB05570 (0.5µg/ml) staining of Human Tonsil (A) and Mouse Kidney (B) lysate (35µg protein in RIPA buffer).  
Primary incubation was 1 hour. Detected by chemiluminescence

EB05570 (3µg/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining. A) staining of cells in the germinal centre, B) staining of cells in the interfollicular area. This data was obtained using a previous batch.