

## UK Office

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

## EB05608 - Goat Anti-FOXG1 / BF2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** forkhead box G1, BF1, BF2, FHKL3, FKH2, FKHL1, FKHL2, FKHL3, FKHL4, FOXG1A, FOXG1B, FOXG1C, HBF-1, HBF-2, HBF-3, HBF-G2, HBF2, HFK1, HFK2, HFK3, KHL2, QIN, OTTHUMP00000178764, brain factor 2, forkhead box G1A, forkhead box G1B, forkhead box G1C, forkhead, drosophila, homolog-like 2, forkhead-like 1, forkhead-like 2, forkhead-like 3, forkhead-like 4, oncogene QIN

**Official Symbol:** FOXG1

**Accession Number(s):** NP\_005240.3

**Human GeneID(s):** [2290](#)

**Non-Human GeneID(s):** 15228 (mouse), 24370 (rat)

### Immunogen

Peptide with sequence C-HQNQGSSSNPLIH, from the C Terminus of the protein sequence according to NP\_005240.3.

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 48 kDa band observed in Human Brain lysates (calculated MW of 52.4kDa according to NP\_005240.3 (FOXG1B) and 50.5kDa according to CAA55038.1 (FOXG1A)). Recommended concentration: 0.3-1.0µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 70kDa. This band was successfully blocked by incubation with the immunising peptide. Preliminary testing was unsuccessful on Mouse and Rat Brain for this particular batch.

### Species Reactivity

**Tested:** Human

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

EB05608 (0.3µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.