

## UK Office

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

## EB07508 - Goat Anti-FEZ1 / Zygin 1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FEZ1, zygin 1, fasciculation and elongation protein zeta 1 (zygin I)

**Official Symbol:** FEZ1

**Accession Number(s):** NP\_005094.1

**Human GeneID(s):** [9638](#)

**Non-Human GeneID(s):** 235180 (mouse), 81730 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_005094.1) only.

### Immunogen

Peptide with sequence C-QNKQKEQRELMKK, from the internal region of the protein sequence according to NP\_005094.1.

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 45kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 45.1kDa according to NP\_005094.1). Recommended concentration: 0.01-0.03µg/ml.

**IHC:** Paraffin embedded Human Colon and Brain (Cortex). Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB07508 (0.03µg/ml) staining of Human Brain (Frontal Cortex) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07508 (5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07508 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.