



## International Office

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

## EB10040 - Goat Anti-POU6F1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BRN5, MPOU, POU class 6 homeobox 1, POU domain, class 6, transcription factor 1, TCFB1, POU6F1

**Official Symbol:** POU6F1

**Accession Number(s):** NP\_002693.3

**Human GeneID(s):** [5463](#)

### Immunogen

Peptide with sequence C-ETPTVSQLVSKPHTP, from the internal region of the protein sequence according to NP\_002693.3.

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 1:128000.

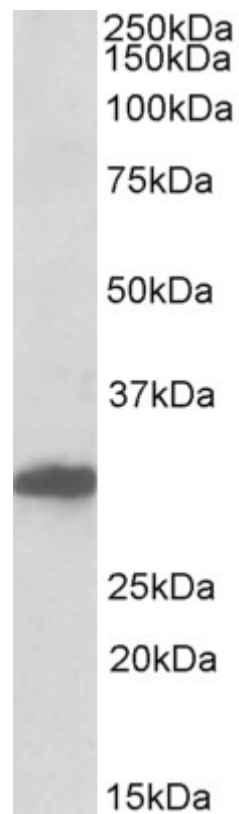
**Western blot:** Approx 30kDa band observed in Human Brain (Cerebral cortex) and Mouse fetal Brain lysates (calculated MW of 32.6kDa according to NP\_002693.3).

Recommended concentration: 0.3-1µg/ml.

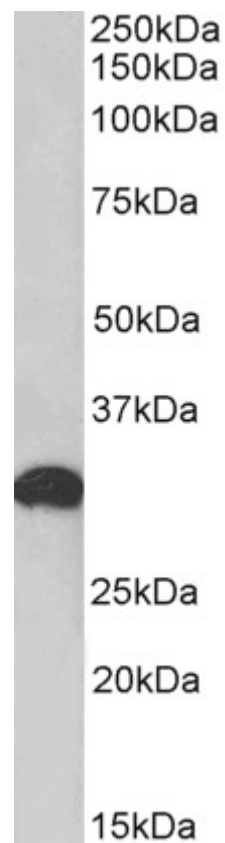
### Species Reactivity

**Tested:** Human, Mouse

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



EB10040 (0.3µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10040 (0.05µg/ml) staining of Mouse fetal Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.