



## UK Office

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

## EB10025 - Goat Anti-POU3F2 / BRN2 / OCT7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BRN2, OCT7, OTF7, POU class 3 homeobox 2, POU domain, class 3, transcription factor 2, POUF3, POU3F2

**Official Symbol:** POU3F2

**Accession Number(s):** NP\_005595.2

**Human GeneID(s):** [5454](#)

**Non-Human GeneID(s):** 18992 (mouse), 29588 (rat)

### Immunogen

Peptide with sequence C-AQSLVQGDYGALQSN, from the internal region (near N Terminus) of the protein sequence according to NP\_005595.2.

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 1:8000.

**Western blot:** Approx 45kDa band observed in Human Brain (Cerebellum) and in Mouse and Rat Brain lysates (calculated MW of 46.9kDa according to Human NP\_005595.2 and 47.1kDa according to Mouse NP\_032925.1). Recommended concentration: 0.1-0.3µg/ml.

**Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

### Specific Reference

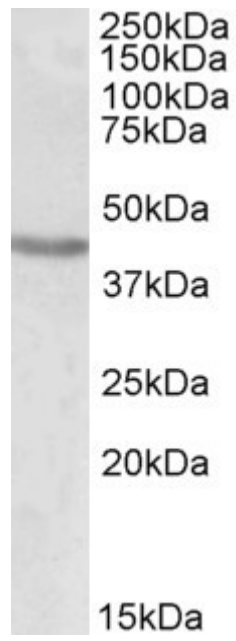
**This antibody has been successfully used in the following paper:**

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB10025 (0.1 $\mu$ g/ml) staining of Mouse Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.