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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 Inngjerdengen, 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 (0.1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.