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

EB10027 - Goat Anti-POU3F3 / BRN1 / OCT8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Brain-1, BRN1, OTF8, POU class 3 homeobox 3, POU domain, class 3, transcription factor 3, POU3F3, OTF-8, brain-specific homeobox/POU domain protein 1, brn-1, oct-8, octamer-binding protein 8, octamer-binding transcription factor 8

Official Symbol: POU3F3

Accession Number(s): NP_006227.1

Human GeneID(s): [5455](#)

Non-Human GeneID(s): 18993 (mouse), 192109 (rat)

Immunogen

Peptide with sequence C-HMLSHAHQWVTAL, from the internal region of the protein sequence according to NP_006227.1.

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 1:4000.

Western blot: Approx 48kDa band observed in Mouse Spinal Cord lysates (calculated MW of 50.3kDa according to Human NP_006227.1 and 50.2kDa according to Mouse NP_032926.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat

EB10027 (1µg/ml) staining of Mouse Spinal Cord lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.