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POU3F3 / BRN1 / OCT8 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3200a

Specification

POU3F3 / BRN1 / OCT8 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	P20264
Other Accession	NP_006227.1, 5455, 18993 (mouse), 192109 (rat)
Reactivity	**Mouse, Rat**
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**50327**

POU3F3 / BRN1 / OCT8 Antibody (internal region) - Additional Information

Gene ID 5455

Other Names
POU domain, class 3, transcription factor 3, Brain-specific homeobox/POU domain protein 1, Brain-1, Brn-1, Octamer-binding protein 8, Oct-8, Octamer-binding transcription factor 8, OTF-8, POU3F3, BRN1, OTF8

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
POU3F3 / BRN1 / OCT8 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

POU3F3 / BRN1 / OCT8 Antibody (internal region) - Protein Information

Name POU3F3 (HGNC:9216)

Synonyms BRN1, OTF8

Function
Transcription factor that acts synergistically with SOX11 and SOX4. Plays a role in neuronal development (PubMed:<a href="http://www.uniprot.org/citations/31303265"

target="_blank">31303265). Is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTTGCAT- 3') (By similarity).

Cellular Location
Nucleus.

Tissue Location
Brain..

POU3F3 / BRN1 / OCT8 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

POU3F3 / BRN1 / OCT8 Antibody (internal region) - Images



AF3200a (1 µg/ml) staining of Mouse Spinal Cord lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

POU3F3 / BRN1 / OCT8 Antibody (internal region) - References

Proneural bHLH and Brn proteins coregulate a neurogenic program through cooperative binding to a conserved DNA motif. Castro DS, Skowronska-Krawczyk D, Armant O, Donaldson IJ, Parras C, Hunt C, Critchley JA, Nguyen L, Gossler A, GÃ¶ttgens B, Matter JM, Guillemot F, Developmental cell 2006 Dec 11 (6): 831-44. PMID: 17141158