

POU3F3 / BRN1 / OCT8 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3200a**Specification**

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

Application	WB, E
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

Dilution

WB~~1:1000
E~~N/A

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: <http://www.uniprot.org/citations/31303265>). Is implicated in an enhancer activity at the embryonic met-mesencephalic junction; the enhancer element contains the octamer motif (5'-ATTTCAT- 3') (By similarity).

Cellular Location

Nucleus.

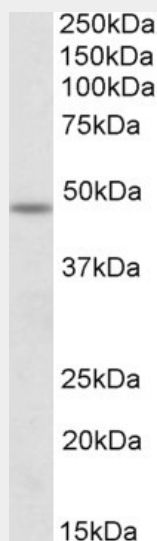
Tissue Location

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 Cytometry](#)
- [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, Gttgens B, Matter JM, Guillemot F, Developmental cell 2006 Dec 11 (6): 831-44. PMID: 17141158