

OCT6 / POU3F1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2541a**Specification**

OCT6 / POU3F1 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q03052
Other Accession	NP_002690.3 , 5453 , 18991 (mouse) , 192110 (rat)
Predicted Host	Human, Mouse, Rat, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	45496

OCT6 / POU3F1 Antibody (internal region) - Additional Information**Gene ID** 5453**Other Names**

POU domain, class 3, transcription factor 1, Octamer-binding protein 6, Oct-6, Octamer-binding transcription factor 6, OTF-6, POU domain transcription factor SCIP, POU3F1, OCT6, OTF6

Dilution

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

OCT6 / POU3F1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

OCT6 / POU3F1 Antibody (internal region) - Protein Information**Name** POU3F1**Synonyms** OCT6, OTF6**Function**

Transcription factor that binds to the octamer motif (5'- ATTTGCAT-3') (By similarity). Acts as a

transcriptional activator when binding cooperatively with SOX4, SOX11, or SOX12 to gene promoters (By similarity). Acts as a transcriptional repressor of myelin-specific genes (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P21952}.

Tissue Location

Expressed in embryonal stem cells and in the developing brain

OCT6 / POU3F1 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](#)

OCT6 / POU3F1 Antibody (internal region) - Images**OCT6 / POU3F1 Antibody (internal region) - References**

The class III POU domain protein Brn-1 can fully replace the related Oct-6 during schwann cell development and myelination. Friedrich RP, Schlierf B, Tamm ER, Bosl MR, Wegner M. Mol Cell Biol. 2005 Mar;25(5):1821-9. PMID: 15713637