

**OCT6 (aa192-204) Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3641a****Specification**

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**OCT6 (aa192-204) Antibody (internal region) - Product Information**

|                   |                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| Application       | WB                                                                                                                |
| Primary Accession | <a href="#">Q03052</a>                                                                                            |
| Other Accession   | <a href="#">NP_002690.3</a> , <a href="#">5453</a> , <a href="#">18991 (mouse)</a> , <a href="#">192110 (rat)</a> |
| Reactivity        | Human                                                                                                             |
| Predicted         | Mouse, Rat, Pig, Dog, Cow                                                                                         |
| Host              | Goat                                                                                                              |
| Clonality         | Polyclonal                                                                                                        |
| Concentration     | 0.5 mg/ml                                                                                                         |
| Isotype           | IgG                                                                                                               |
| Calculated MW     | 45496                                                                                                             |

**OCT6 (aa192-204) 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

**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 (aa192-204) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**OCT6 (aa192-204) 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}.

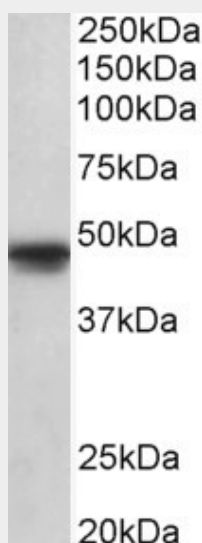
**Tissue Location**

Expressed in embryonal stem cells and in the developing brain

**OCT6 (aa192-204) 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 (aa192-204) Antibody (internal region) - Images**

AF3641a (1 µg/ml) staining of A549 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**OCT6 (aa192-204) Antibody (internal region) - References**

Misexpression of Pou3f1 results in peripheral nerve hypomyelination and axonal loss. Ryu EJ, Wang JY, Le N, Baloh RH, Gustin JA, Schmidt RE, Milbrandt J. J Neurosci. 2007 Oct 24;27(43):11552-9. PMID: 17959798