

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

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

Application	WB, E
Primary Accession	Q03052
Other Accession	NP_002690.3 , 5453 , 18991 (mouse) , 192110 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
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

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

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}.

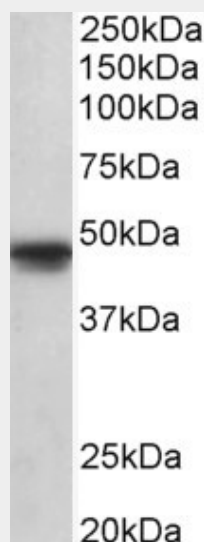
Tissue Location

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