

Oct6 (4B17) Rabbit Monoclonal Antibody

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Catalog # AP93747

Product Information

Application	WB
Primary Accession	Q03052 , P21952
Reactivity	Human, Mouse
Clonality	Monoclonal
Calculated MW	45496

Additional Information

Gene ID	5453
Dilution	WB~~1:1000
Storage Conditions	-20°C

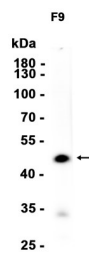
Protein Information

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

Background

Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in negative regulation of transcription by RNA polymerase II; positive regulation of gene expression; and positive regulation of transcription, DNA-templated. Predicted to act upstream of or within keratinocyte differentiation; nervous system development; and positive regulation of transcription by RNA polymerase II.

Images



Western blot analysis of extracts from F9 cells using AP93747 at 1:1000.

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