

Oct-6 Polyclonal Antibody

Catalog # AP71417

Product Information

Application	WB, E
Primary Accession	Q03052
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45496

Additional Information

Gene ID	5453
Other Names	POU3F1; OCT6; OTF6; 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
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

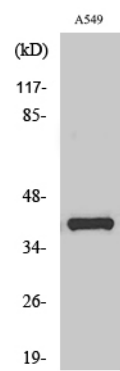
Protein Information

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

Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Thought to be involved in early embryogenesis and neurogenesis.

Images



Western Blot analysis of various cells using Oct-6 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

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