

Rabbit Anti-Human OCT4 Polyclonal Antibody

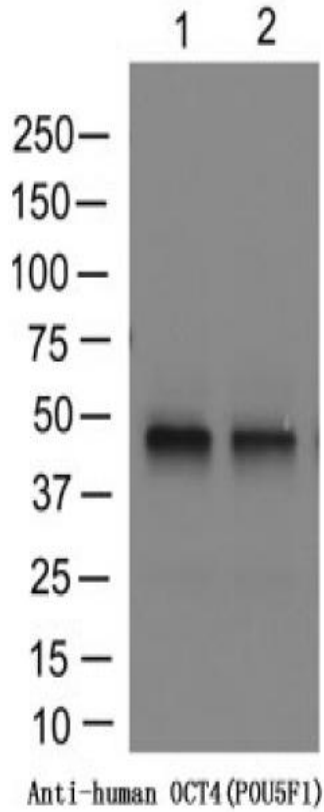
Catalog No. Size
HS-PP-0001 100 µl



Description	Rabbit Polyclonal to OCT4
Physical State	Liquid
Antibody Concentration	1 mg/ml
Antibody form	Affinity isolated antibody
Tested applications	WB, Indirect ELISA
Species reactivity	Human
Antibody Purity	Protein A purified
Suggested Dilution	1:400 for WB
Range	1:5,000- 1:100,000 for ELISA
Storage Instructions	Store at 2-8°C for up to 6 months and -20°C for long term storage in small aliquots to prevent freeze-thaw cycles.
Immunogen	This anti-OCT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide.
Background Information	Expression of the POU-domain transcription factor Octamer-4 (Oct-4) is widely regarded as a hallmark of pluripotent stem cells. The relationship of Oct-4 to pluripotent stem cells is indicated by its tightly restricted expression to undifferentiated pluripotent stem cells. Upon differentiation to somatic lineages, the expression of Oct-4 disappears rapidly. Unlike the majority of pluripotent stem cell markers, the biological role of Oct-4 has been well characterized. Studies performed in mice point to the critical role of Oct-4 in the establishment and/or maintenance of pluripotent stem cells in an uncommitted state.
Note	For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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OCT4 in hES cell lysates(20ug/10ug) with Anti-OCT4_HUMAN, rabbit polyclonal antibody at 1.0 μ g/mL.

Predicted molecular weight: 38.5 kDa.