Oct-4 Rabbit pAb

db563 **Package : 20μL 50μL 100μL**

Product Name : Oct-4 Rabbit pAb
Cat.No.: db563
Synonyms : OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse
Host species : Rabbit

Background	This gene encodes a transcription factor containing a POU homeodomain that plays a key role in embryonic development and stem cell pluripotency. Aberrant expression of this gene in adult tissues is associated with tumorigenesis. This gene can participate in a translocation with the Ewing's sarcoma gene on chromosome 21, which also leads to tumor formation. Alternative splicing, as well as usage of alternative AUG and non-AUG translation initiation codons, results in multiple isoforms. One of the AUG start codons is polymorphic in human populations. Related pseudogenes have been identified on chromosomes 1, 3, 8, 10, and 12. [provided by RefSeq, Oct 2013]
Immunogen	A synthetic peptide of human Oct4
Gene ID	5460
Swiss Prot	Q01860
Synonyms	OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4
Reactivity	Human, Mouse
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC: 1:20-1:500 ICC/IF: 1:50 FC: 1:50 IP: 1:20
Calculated MW	39 kDa
Observed MW	45 kDa
Host species	Rabbit
Clonality	Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.