

## 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

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.