

**NBP1-45751****OCT4 Antibody****Unit Size**

0.1 mg

**Concentration**

Please see the vial label for concentration.

**Storage**

Store at -20C. Avoid freeze-thaw cycles.

**Applications**

IHC-P, IP, WB

**Species**

Human, Mouse, Rat

**Host**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity purified

**Preservative**

0.01% Thimerosal

**Marker**

Embryonic Stem Cell Marker

Updated 2/12/2012 2.0

*This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).*

**Immunogen**

Synthetic peptide mapping to the N-terminus of mouse Oct-4.

**Recommended Dilutions**

Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot

**Buffer**

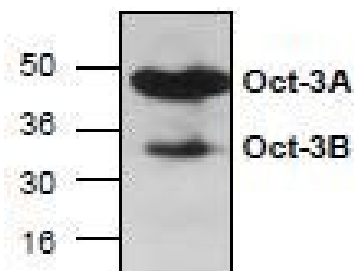
phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA

**Uses**

Western blotting (0.5-4ug/ml) immunoprecipitation (20 ug/ml) and immunohistochemistry-Paraffin (20 ug/ml). However, the optimal conditions should be determined individually. The antibody reacts with 45 kDa Oct-4 (also designated Oct-3A) and in a less extent 33 kDa Oct-3B from human, mouse, and rat samples. Rat kidney tissue lysate can be used as a positive control.

**Images**

Western Blot: OCT4 Antibody [NBP1-45751] - Western blot analysis of Oct-3/4 in rat kidney tissue lysate.

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