

OCT4 Rabbit pAb

Catalog No.: A7920SP

35 Publications

Basic Information

Observed MW

39-45 kDa

Calculated MW

39 kDa/30 kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:5000 - 1:15000**IHC-P** 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5460

Swiss Prot

Q01860

Immunogen

This information is considered to be commercially sensitive.

Synonyms

OCT3; OCT4; OTF3; OTF4; OTF-3; Oct-3; Oct-4; Oct3/4

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

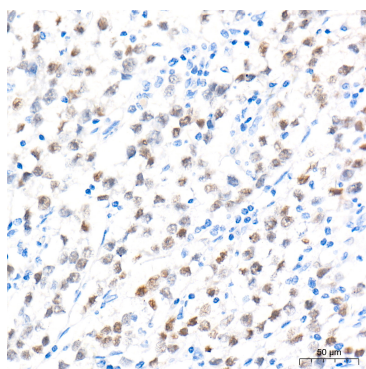
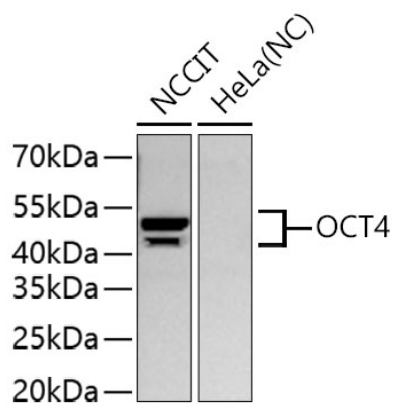
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human seminoma tissue using OCT4 Rabbit pAb (A7920SP) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.