

Oct-4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_038661.1

Catalog No. A304-592A-T GenelD 18999

Lot No. A304-592A-T-1

APPLICATIONS	IP
SPECIES REACTIVITY	Mouse
AMOUNT	10 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Oct-4 immobilized on solid support.

The epitope recognized by A304-592A-T maps to a region between residue 250 to 300 of human Octamer-Binding Protein 4 using the numbering given in entry NP_038661.1 (GeneID 18999).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

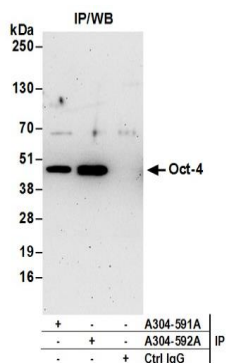
Western Blot Not recommended. Use rabbit anti-Oct-4 antibody A304-591A.

Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A304-592A-T>

Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 6, 2022



Detection of mouse Oct-4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from F9 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Oct-4 antibody A304-592A (lot A304-592A-1) used for IP at 6 μ g per reaction. Oct-4 was also immunoprecipitated by rabbit anti-Oct-4 antibody A304-591A. For blotting immunoprecipitated Oct-4, A304-591A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.