

Nanog Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q80Z64

Catalog No. A300-397A-T GeneID 71950

Lot No. A300-397A-T-4

APPLICATIONS	WB, 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 Nanog immobilized on solid support.

The epitope recognized by A300-397A-T maps to a region between residues 1 and 50 of mouse Nanog homeobox using the numbering given in TrEMBL entry Q80Z64 (GeneID 71950).

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

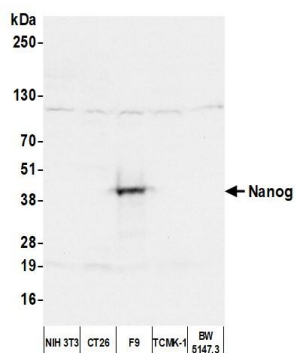
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

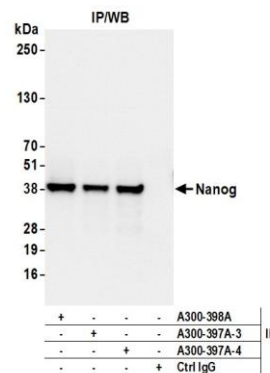
ADDITIONAL INFO <https://www.bethyl.com/product/A300-397A-T>

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: April 28, 2022



Detection of mouse Nanog by western blot. *Samples:* Whole cell lysate (50 µg) from NIH 3T3, CT26, F9, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Nanog antibody A300-397A (lot A300-397A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of mouse Nanog by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from F9 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Nanog antibody (A300-397A lot 4) used for IP at 6 µg per reaction. Nanog was also immunoprecipitated by a previous lot of this antibody A300-397A lot 3) and a second antibody against a different epitope of Nanog (A300-398A). For blotting immunoprecipitated Nanog, A300-397A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.