



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# Nanog Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q80Z64

Catalog No. A300-397A GeneID 71950

Lot No. A300-397A-4

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Mouse
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to Nanog immobilized on solid support.

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

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 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

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

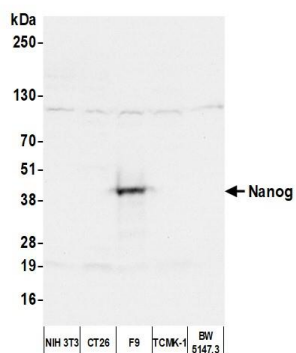
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

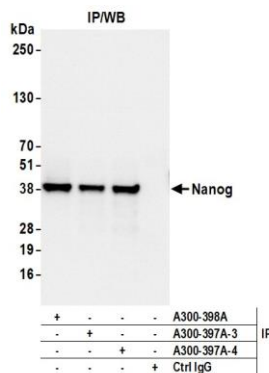
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: April 28, 2022



**Detection of mouse Nanog by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) 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  $\mu$ g/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  $\mu$ g 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  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.