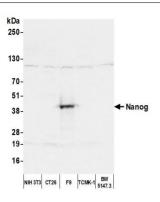
Nanog Antibody



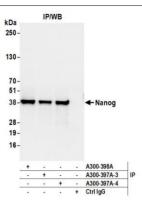
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	Q80Z64	
Catalog No.	A300-	397A	GenelD	71950	
Lot No.	t No. A300–397A–4				
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Mouse			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt			
PHYSICAL 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.			
mouse			e epitope recognized by A300-397A maps to a region between residues 1 and 50 of ouse Nanog homeobox using the numbering given in TrEMBL entry Q80Z64 (GeneID 950).		
		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	
		Immunoprecip	itation 2 -	10 μg/mg lysate	
ADDITIONAL IN	FO	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			

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

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

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