hSET1 An	tibody			Contraction of the second seco	
Rabbit Polyclonal					
Antigen Affinity Purified		Protein ID	015047		
Catalog No. A300–289A		GenelD	9739	DETUVI	
Lot No. A300-289A-7					
APPLICATIONS	WB, IP				
SPECIES REACT	TVITY Human,	Human, Mouse			
AMOUNT	100 µl	100 µl			
CONCENTRATI	<b>ΟΝ</b> 1000 μg	1000 μg/ml			
STORAGE/SHE	<b>_F LIFE</b> 2 – 8° C	2 - 8° C / 1 year from date of receipt			
PHYSICAL STAT	FE Liquid	Liquid			
BUFFER	Tris-citra	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE	IgG	IgG			
ORIGIN	USA	USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to hSET1 immobilized on solid support.			
		The epitope recognized by A300-289A maps to a region between residues 1200 and 1250 of human hSET1 (KIAA0339) using the numbering given in TrEMBL entry O15047 (GeneID 9739).			
		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.			

## experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:10,000 - 1:25,000

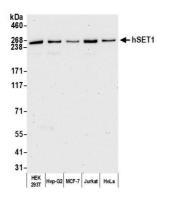
Immunoprecipitation 2 – 10  $\mu$ g/mg lysate

IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma, Prostate

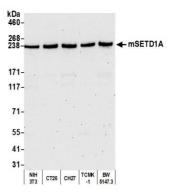
**ADDITIONAL INFO** https://www.bethyl.com/product/A300-289A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 8, 2020

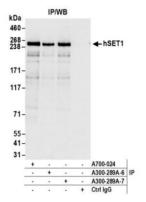
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**Detection of human hSET1 by western blot.** *Samples:* Whole cell lysate (15  $\mu$ g) from HEK293T, Hep-G2, MCF-7, Jurkat, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-hSET1 antibody A300-289A (lot A300-289A-7) used for WB at 0.04  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse SETD1A by western blot. Samples: Whole cell lysate (10  $\mu$ g) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-mSETD1A antibody A300-289A (lot A300-289A-7) used for WB at 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Detection of human hSET1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-hSET1 antibody A300-289A (lot A300-289A-7) used for IP at 6 µg per reaction. hSET1 was also immunoprecipitated by a previous lot of this antibody (lot A300-289A-6) and rabbit anti-hSET1 recombinant monoclonal antibody A700-024. For blotting immunoprecipitated hSET1, A700-024 was used at dilution of 1:1,000. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

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