

DPY30 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_115963.1

Catalog No. A304-296A

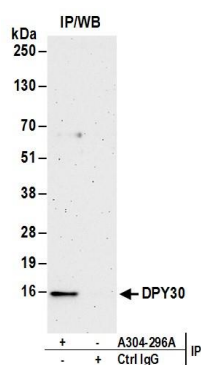
GeneID 84661

Lot No. A304-296A-1

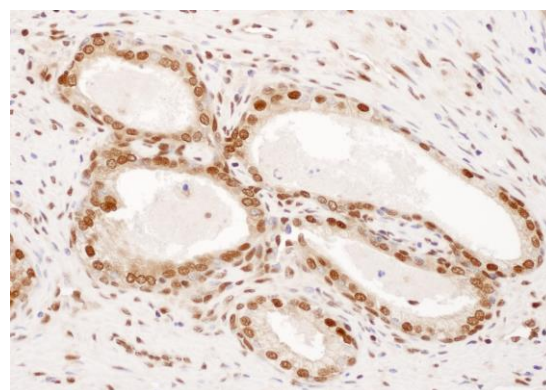


APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to DPY30 immobilized on solid support.</p> <p>The epitope recognized by A304-296A maps to a region between residue 1 to 50 of human DPY-30 Homolog using the numbering given in entry NP_115963.1 (GeneID 84661).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot Not recommended. A304-296A has not performed satisfactorily when used for WB of DPY30 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of DPY30.</p> <p>Immunoprecipitation 2 - 10 µg/mg lysate</p> <p>Immunohistochemistry 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</p>
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-12% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A304-296A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p>

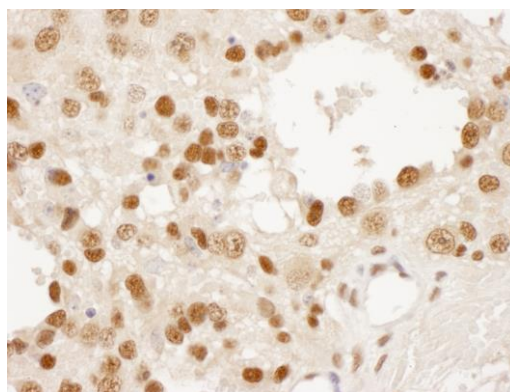
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human DPY30 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. *Antibodies:* Affinity purified rabbit anti-DPY30 antibody A304-296A (lot A304-296A-1) used for IP at 6 µg per reaction. For blotting immunoprecipitated DPY30, A304-296A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DPY30 by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-DPY30 (Cat. No. A304-296A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB. *Counterstain:* IHC Hematoxylin (blue).



Detection of mouse DPY30 by immunohistochemistry. *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti-DPY30 (Cat. No. A304-296A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB