OCT1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-716A

Lot No. A301-716A-2

Protein ID NP_002688.2

GeneID 5451

APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, X. tropicalis, Chicken and Pig
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 OCT1 immobilized on solid support. The epitope recognized by A301-716A maps to a region between residue 250 and 300 of human octamer-binding transcription factor 1 using the numbering given in entry NP_002688.2 (GeneID 5451). 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	Not recommended
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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 4-8% SDS-PAGE
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma
ADDITIONAL INFO	Please visit our website for additional product information.

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

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