

USP5/IsoT Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID CAA62690.1

Catalog No. A301-542A-T

GeneID 8078

Lot No. A301-542A-T-1

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	10 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to USP5/IsoT immobilized on solid support.

The epitope recognized by A301-542A-T maps to a region between residue 75 and 125 of human ubiquitin specific peptidase 5 (isopeptidase T) using the numbering given in entry CAA62690.1 (GeneID 8078).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

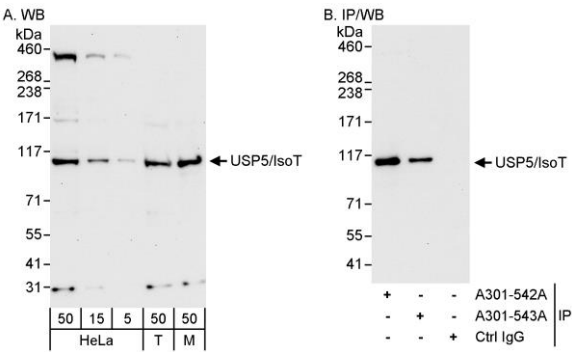
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-542A-T>

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: June 6, 2022



Detection of human and mouse USP5/IsoT by western blot (h&m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g) and mouse NIH 3T3 (M; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-USP5/IsoT antibody A301-542A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. USP5/IsoT was also immunoprecipitated by rabbit anti-USP5/IsoT antibody A301-543A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).