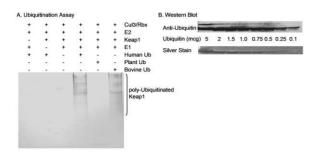
Ubiquitin Antibody

| obiquitii / | Antibody | | | | |
|-----------------------------------|---------------------|---|-------|---|---------------------------------|
| Rabbit Polyclor | nal | | | | |
| Antigen Affinity Purified | | Protein | ID | P62988 | |
| Catalog No. | A300-317A | GenelD | | 7311 | BETHVI |
| Lot No. | A300-317A | -1 | | | LABORATORIES, INC |
| APPLICATIONS | WB, | IHC | | | |
| SPECIES REACTIV | VITY Hun | Human, Mouse, Bovine | | | |
| PRESUMED REAC | X. la Chii | Based on 100% sequence identity, this antibody is predicted to react with Rat, D. melanogaster, X. laevis, Chicken, Sheep, Dog, Horse, Rabbit, Guinea pig_10141, Pig, Cat, Gorilla and Chimpanzee | | | |
| AMOUNT | 100 | - | | | |
| CONCENTRATIO | N 100 | 1000 µg/ml | | | |
| STORAGE/SHELF | LIFE 2 – | 2 - 8° C / 1 year from date of receipt | | | |
| PHYSICAL STATE | E Liqu | Liquid | | | |
| BUFFER | Tris | 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 Ubiquitin immobilized on solid support. | | | |
| | | The epitope recognized by A300–317A maps to a region between residues 1 and 50 of human Ubiquitin using the numbering given in entry P62988.(GeneID 7311). | | | |
| | | 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. | | | |
| | Wes | stern Blot | 1:1 | ,000 - 1:10,000 | |
| | Imr | nunohistochemistry | | 00 – 1:2,000. Epitope retrieval ommended for FFPE tissue secti | |
| APPLICATION NOTES Western blot of | | tern blot of lysates p | erfor | med using standard western bl | ot reagents and 4-12% SDS-PAGE. |
| IHC HUMAN CO | st Carcinoma, Colon | arcinoma, Colon Carcinoma, Prostate Carcinoma | | | |
| IHC MOUSE CON | ITROLS Tera | itoma | | | |
| ADDITIONAL INF | | https://www.bethyl.com/product/A300-317A Use the link above to view SDS, a current list of citations, and other product specific information. | | | |

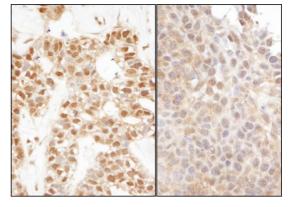
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of Ubiquitin by western blotting of Products from an Ubiquitination Assay and Purified Ubiquitin.

Samples: A) Ubiquitination assay was performed as described in Zhang et al., 2004, Mol. Cell. Biol. 24(24):10941–10953. B) Purified ubiquitin applied in decreasing amounts from 5 to 0.1 μ g. Antibody: Affinity purified rabbit anti-Ubiquitin antibody (Cat. No. A300–317A) used at 0.4 μ g/ml for western blot. Detection: Alkaline phosphatase conjugated secondary antibody and development with NBT/BCIP for 10 minutes (A and B).



Detection of human and mouse Ubiquitin by immunohistochemistry. *Sample:* FFPE sections of human breast carcinoma (left) and mouse teratoma (right). *Antibody:* Affinity purified rabbit anti- Ubiquitin (Cat. No. A300-317A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB