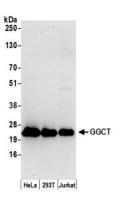
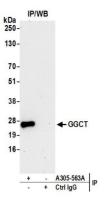
| GGCT Antibody | | | | | | |
|--------------------------|------------|--|-------------|-----------------|--|--------|
| Rabbit Polyclonal | | | | | | |
| Antigen Affinit | ty Purifie | ed | Protein ID | 075223.1 | | |
| Catalog No. A305-563 | | 563A | GenelD | 79017 | | DETUVI |
| Lot No. | A305- | 63A-1 | | | | |
| APPLICATIONS | | WB, IP | | | | |
| SPECIES REACTIVITY | | Human | | | | |
| 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 GGCT immobilized on solid support. | | | | |
| | | The epitope recognized by A305–563A maps to a region between residue 138 to 188 of human Gamma-glutamylcyclotransferase using the numbering given in entry O75223.1 (GeneID 79017). | | | | |
| | | Antibody 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 | 1:1 | ,000 - 1:5,000 | | |
| | | Immunoprecip | itation 2 - | 10 µg/mg lysate | | |
| APPLICATION N | IOTES | 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. (link to IP–western blot protocol in Additional Info section below). | | | | |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A305-563A | | | | |
| | | 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 21, 2019

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Detection of human GGCT by western blot. Samples: Nuclear extract (50 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GGCT antibody A305-563A (lot A305-563A-1) used for WB at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human GGCT 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 prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GGCT antibody A305-563A (lot A305-563A-1) used for IP at 6 μ g per reaction. For blotting immunoprecipitated GGCT, A305-563A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.