

Datasheet for ABIN2783531
anti-UGCGL2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

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| Quantity: | 100 µL |
| Target: | UGCGL2 (UGT2) |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Rabbit, Cow, Pig, Dog, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UGCGL2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human UGCGL2 |
| Sequence: | KHTCKINEIK KLLKKAASRT RPYLFKGDHK FPTNKENLPV VILYAEMGTR |
| Predicted Reactivity: | Cow: 93%, Dog: 92%, Horse: 93%, Human: 100%, Pig: 93%, Rabbit: 100%, Rat: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against UGCGL2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | UGCGL2 (UGT2) |
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Target Details

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| Alternative Name: | UGCGL2 (UGT2 Products) |
| Background: | <p>UGCGL2 recognizes glycoproteins with minor folding defects. UGCGL2 reglucosylates single N-glycans near the misfolded part of the protein, thus providing quality control for protein folding in the endoplasmic reticulum. Reglucosylated proteins are recognized by calreticulin for recycling to the endoplasmic reticulum and refolding or degradation.</p> <p>Alias Symbols: FLJ10873, FLJ11485, HUGT2, MGC117360, MGC150689, MGC87276, UGT2, UGCGL2</p> <p>Protein Interaction Partner: APPBP2, FBXO6, METTL23, OS9, APP, BABAM1, BRE, SEP15,</p> <p>Protein Size: 1516</p> |
| Molecular Weight: | 172 kDa |
| Gene ID: | 55757 |
| NCBI Accession: | NM_020121 , NP_064506 |
| UniProt: | Q9NYU1 |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1516 AA |
| Restrictions: | For Research Use only |

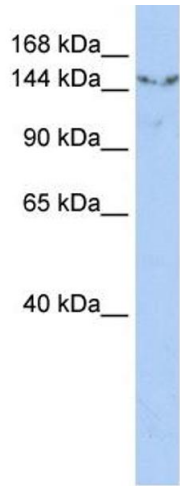
Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-UGCGL2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate UGGT2 is supported by BioGPS gene expression data to be expressed in HepG2