Datasheet for ABIN238655

# anti-GOT2 antibody (AA 273-284)

1 Image

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | GOT2 |
| Binding Specificity: | AA 273-284 |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This GOT2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

## Product Details

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|---|---|
| Purpose: | GOT2 (aa 295 to 306) |
| Immunogen: | Peptide with sequence CKDADEAKRVES, from the internal region of the protein sequence according to NP_002071.2. |
| Sequence: | CKDADEAKRV ES |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

## Target Details

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|---|---|
| Target: | GOT2 |
| Alternative Name: | GOT2 (GOT2 Products) |
| Background: | GOT2, glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2), FLJ40994, aspartate aminotransferase 2 |
| Gene ID: | 2806, 14719, 25721 |
| NCBI Accession: | NP_002071 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

## Application Details

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|---|---|
| Application Notes: | Western Blot: Approx 45 kDa band observed in Human Kidney and Liver lysates (calculated MW of 47.5 kDa according to NP_002071.2). Recommended concentration: 0.03-0.1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| 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: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |


**Image 1.** ABIN238655 (0.03µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.