Datasheet for ABIN129674

# anti-FBXO9 antibody (AA 431-447)

1 Image

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | FBXO9 |
| Binding Specificity: | AA 431-447 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FBXO9 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB) |

## Product Details

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| Immunogen: | This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 431-447 of human FBOX9 protein. |
| Isotype: | IgG |

## Target Details

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| Target: | FBXO9 |
| Alternative Name: | F-Box Only Protein 9 (FBXO9 Products) |
| Background: | F-box only protein 9 (also called FBOX9 and Fbp9) is a member of the F-box protein family, which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1- |

## Target Details

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| | cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this<br>Synonyms: Cross-immune reaction antigen 1 antibody, Renal carcinoma antigen NY-REN-57 antibody |
| Gene ID: | 26268, 53692184 |
| NCBI Accession: | NP_258441, NP_258442 |
| UniProt: | Q9UK97 |

## Application Details

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| Application Notes: | This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Although the predicted MW of FBOX9 isoform 1 is 52 kDa, antibody reactivity against MCF7 whole cell lysates shows a predominant band at 100 kDa. This band is believed to be FBOX9 and the higher apparent MW may be due to its association with other proteins. Isoforms 1, 2 and 3 have reported molecular weights of 52.3, 51.1 and 47.3 kDa, respectively. |
| Restrictions: | For Research Use only |

## Handling

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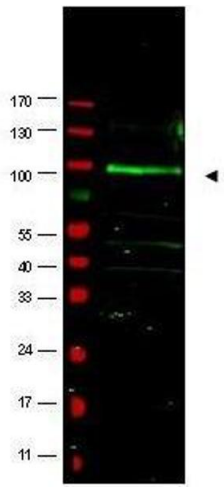
|---|---|
| Format: | Liquid |
| Buffer: | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |




## Western Blotting

**Image 1.** Western blot using affinity purified anti-FBOX9 antibody shows detection of a band at ~100 kDa (arrowhead) believed to correspond to FBOX9 present in a MCF7 whole cell lysate (lane 1). Specific band reactivity is greatly diminished when the antibody is pre-incubated with the immunizing peptide (data not shown). Approximately 35 ug of lysate was separated by 4-20% Tris Glycine SDS-PAGE. After blocking, the membrane was probed overnight at 4°C with the primary antibody diluted to 1:1,500. The membrane was washed and reacted with a 1:10,000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] for 45 min at room temperature (800 nm channel, green). Molecular weight estimation was made by comparison to prestained MW markers (indicated at left, 700 nm channel, red). IRDye800 fluorescence image was captured using the Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.