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Datasheet for ABIN1538021
anti-FBXO5 antibody (AA 192-221)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | FBXO5 |
| Binding Specificity: | AA 192-221 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FBXO5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | This FBXO5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-221 amino acids from the Central region of human FBXO5. |
| Clone: | RB30346 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|---|
| Target: | FBXO5 |
| Alternative Name: | FBXO5 (FBXO5 Products) |
| Background: | This gene encodes a member of the F-box protein family which is characterized by an |

Target Details

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-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 gene belongs to the Fbxs class. This protein is similar to xenopus early mitotic inhibitor-1 (Emi1), which is a mitotic regulator that interacts with Cdc20 and inhibits the anaphase promoting complex. Alternatively spliced transcript variants encoding different isoforms have been identified.

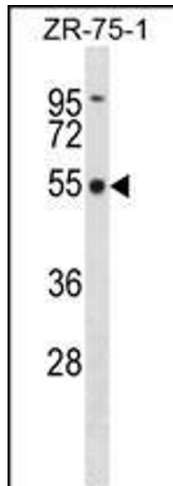
| | |
|-------------------|--|
| Molecular Weight: | 50146 |
| Gene ID: | 26271 |
| NCBI Accession: | NP_001135994 , NP_036309 |
| UniProt: | Q9UKT4 |
| Pathways: | Mitotic G1-G1/S Phases |

Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| 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: | 4 °C,-20 °C |
| Storage Comment: | FBX05 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. FBXO5 Antibody (Center) (ABIN1538021 and ABIN2848460) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the FBXO5 antibody detected the FBXO5 protein (arrow).