



Anti-FBXO4 (internal region) polyclonal antibody (DPAB-DC1295)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | This gene encodes 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-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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| Specificity | This antibody is expected to recognize isoform 1 and 2 (NP_036308.1; NP_277019.1). |
| Immunogen | A synthetic peptide corresponding to amino acids at internal region of human FBXO4. The sequence is C-EHTSAVNKMFSRH |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | ELISA, |
| Format | Liquid |
| Concentration | 0.5 mg/mL |
| Size | 100 µg |
| Buffer | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA) |

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| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | FBXO4 F-box protein 4 [Homo sapiens (human)] |
| Official Symbol | FBXO4 |
| Synonyms | FBXO4; F-box protein 4; FBX4; F-box only protein 4; F-box protein Fbx4; |
| Entrez Gene ID | 26272 |
| Protein Refseq | NP_001284366 |
| UniProt ID | D6RAJ6 |
| Chromosome Location | 5p12 |
| Pathway | Adaptive Immune System; Proteasome degradation; Chaperonin-mediated protein folding; presentation |
| Function | protein binding; protein homodimerization activity; ubiquitin-protein transferase activity; |