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# FBXO33 Rabbit pAb

Catalog # AP98624

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | Q7Z6M2 |
| **Other Accession** | Q7Z6M2 |
| **Reactivity** | Rat |
| **Predicted** | Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 62630 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human FBXO33 |
| **Epitope Specificity** | 331-430/555 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Contains 1 F-box domain. |
| **SUBUNIT** | Part of the SCF (SKP1-CUL1-F-box) E3 ubiquitin-protein ligase complex SCF(FBXO33) formed of CUL1, SKP1, RBX1 and FBXO33. Interacts via its N-terminus with YBX1 CSD domain. Directly interacts with SKP1 and CUL1 (By similarity). |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | Members of the F-box protein family, such as FBXO33, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1, cullin and F-box proteins act as protein-ubiquitin ligases and mediates the ubiquitination and subsequent proteasomal degradation of target proteins. FBXO33 probably recognizes and binds to phosphorylated target proteins. |

## Additional Information

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| **Gene ID** | 254170 |
| **Other Names** | BMND12; Fbx33; c14_5247; 5730501N20Rik; FBX33_HUMAN; FBXO33; FBX33_MOUSE; AIG30-12-1; F-box protein 33; F-box only protein 33 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | FBXO33 |
| **Synonyms** | FBX33 |
| **Function** | Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins. Recognizes YBX1 (By similarity). |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.