

## Rabbit anti-Human, mouse FBXW8 Polyclonal Antibody | anti-FBXW8 antibody

FBXW8 Antibody (Center)

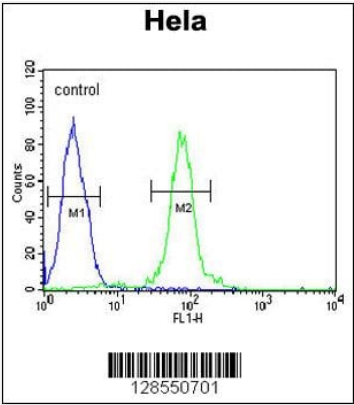
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                                |
|-----------|--------|--------------|-----------------------------------------------------------------------------|
| AAA289661 | Rabbit | Human, mouse | Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

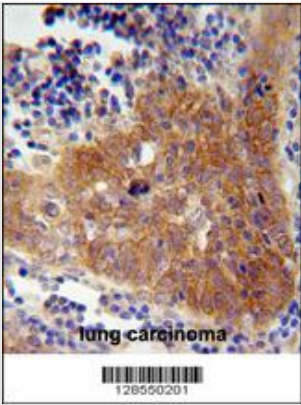
FBXW8; Polyclonal Antibody; FBXW8 Antibody (Center); F-box/WD repeat-containing protein 8; F-box and WD-40 domain-containing protein 8; F-box only protein 29; FBW6; FBW8; FBX29; FBXO29; FBXW6; anti-FBXW8 antibody

### PRODUCT SPECIFICATIONS

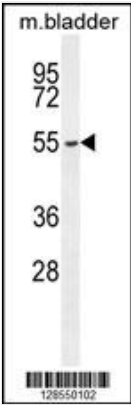
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This FBXW8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 270-299 amino acids from the Central region of human FBXW8.          |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 270-299                                                                                                                                                                      |
| Sequence Length                                 | 532                                                                                                                                                                          |
| Applicable Applications for anti-FBXW8 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)                                                                                              |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



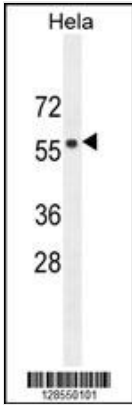
**FCM/FACS (Flow Cytometry)**  
FBXW8 Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemisry)**  
FBXW8 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FBXW8 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
FBXW8 Antibody (Center) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the FBXW8 antibody detected the FBXW8 protein (arrow).



**WB (Western Blot)**  
FBXW8 Antibody (Center) western blot analysis in HeLa cell line lysates (35ug/lane).This demonstrates the FBXW8 antibody detected the FBXW8 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FBXW8 antibody | This gene encodes a member of the F-box protein family, members of which are characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into three 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 contains a WD-40 domain, in addition to an F-box motif, so it belongs to the Fbw class. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. |
| Product Categories/Family for anti-FBXW8 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| References                                          | Tsutsumi, T., et al. Mol. Cell. Biol. 28(2):743-751(2008)<br>Koch, H.B., et al. Cell Cycle 6(2):205-217(2007)<br>Okabe, H., et al. PLoS ONE 1, E128 (2006) :<br>Watanabe, N., et al. Proc. Natl. Acad. Sci. U.S.A. 101(13):4419-4424(2004)<br>Dias, D.C., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16601-16606(2002)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 30795121                                       |
| NCBI GeneID                      | 26259                                          |
| NCBI Accession #                 | NP_036306.1; NP_699179.2                       |
| NCBI GenBank Nucleotide #        | NM_012174.1                                    |
| UniProt Accession #              | Q8N3Y1; Q9UK95                                 |
| Molecular Weight                 | 67394                                          |
| NCBI Official Full Name          | F-box/WD repeat-containing protein 8 isoform 2 |
| NCBI Official Synonym Full Names | F-box and WD repeat domain containing 8        |
| NCBI Official Symbol             | FBXW8                                          |
| NCBI Official Synonym Symbols    | FBW6; FBW8; FBX29; FBXW6; FBXO29               |
| NCBI Protein Information         | F-box/WD repeat-containing protein 8           |
| UniProt Protein Name             | F-box/WD repeat-containing protein 8           |
| UniProt Gene Name                | <b>FBXW8</b>                                   |
| UniProt Synonym Gene Names       | FBW6; FBW8; FBX29; FBXO29; FBXW6               |
| UniProt Entry Name               | FBXW8_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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