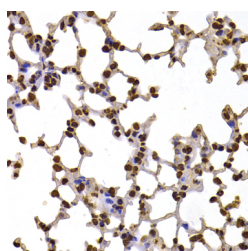


FBXW7 Polyclonal Antibody

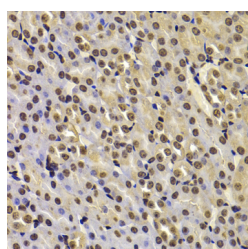
Catalog No.	E-AB-62477	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

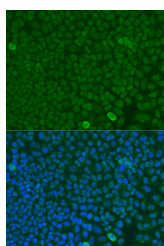
Images



Immunohistochemistry of paraffin-embedded Mouse lung using FBXW7 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using FBXW7 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using FBXW7 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen	Recombinant fusion protein of human FBXW7 (NP_361014.1).
GeneID	55294
Swissprot	Q969H0
Synonyms	FBXW7,AGO,CDC4,FBW6,FBW7,FBX30,FBXO30,FBXW6,SEL-10,SEL10,hAgo,hCdc4

Product Information

Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	IHC 1:50-1:200 IF 1:50-1:200

Background

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 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 was previously referred to as FBX30, and belongs to the Fbws class; in addition to an F-box, this protein contains 7 tandem WD40 repeats. This protein binds directly to cyclin E and probably targets cyclin E for ubiquitin-mediated degradation. Mutations in this gene are detected in ovarian and breast cancer cell lines, implicating the gene's potential role in the pathogenesis of human cancers. Multiple transcript variants encoding different isoforms have been found for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.