

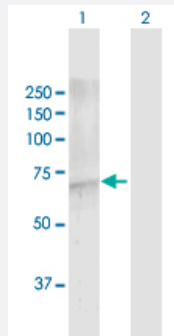
MaxPab®

FBXW7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00055294-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FBXW7 expression in transfected 293T cell line ([H00055294-T02](#)) by FBXW7 MaxPab polyclonal antibody.

Lane 1: FBXW7 transfected lysate(70.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FBXW7 protein.
Immunogen	FBXW7 (NP_060785.2, 1 a.a. ~ 627 a.a) full-length human protein.
Sequence	MCVPRSGILSCICLYCGVLLPVLLPNLPFLTCLSMSTLESVTYLPEKGLYCQRLPSSRTHGGTESL KGKNTENMGFYGTLMIFYKMKRKLDHGSEVRSFSLGKKPCKVSEYTSTTGLVPCSATPTTFGDL RAANGQQQRRRITSVQPPTGLQEWLKMFQSWSGPEKLLALDELIDSEPTQVKHMMQVIEPQF QRDFISLLPKELALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRKVIK PGFIHSPWKSA YRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGNRIVSGSDDNTLKVWSA VTGKCLRTLVGHTGGVWSSQMRDNIISGSTDRTLKVWNAETGECIHTLYGHTSTVRCMHLHEKRV VSGSRDATLRVWDIETGQCLHVLGMHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTL QGHTNRVYSLQFDGIHVVSGLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNADSTV KIWDIKTGQCLQLTGPNKHQS AVTCLQFNKNFVITSSDDGTVKLWDLKTGEFIRNLVTLES GGS GVVWRIRASNTKLVC AVGSRNGTEETKLLVLDFD VDMK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — FBXW7

Entrez GeneID	55294
GeneBank Accession#	NM_018315.3
Protein Accession#	NP_060785.2
Gene Name	FBXW7
Gene Alias	AGO, CDC4, DKFZp686F23254, FBW6, FBW7, FBX30, FBXO30, FBXW6, FLJ16457, SEL-10, SEL10
Gene Description	F-box and WD repeat domain containing 7
Omim ID	606278
Gene Ontology	Hyperlink

Gene Summary	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. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]
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Other Designations

F-box and WD-40 domain protein 7 (archipelago homolog, Drosophila)|F-box protein FBW7|F-box protein SEL-10|archipelago homolog|archipelago, Drosophila, homolog of|homolog of C elegans sel-10

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Precursor T-Cell Lymphoblastic Leukemia-Lymphoma](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)
- [Wilms Tumor](#)