FBXW7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBXW7, Polyclonal Antibody
Full Product Name	FBXW7 (N-Term) Rabbit pAb
Product Gene Name	anti-FBXW7 antibody
Product Synonym Names	F-box/WD repeat-containing protein 7; Archipelago homolog; hAgo; F-box and WD-40 domain-containing protein 7; F-box protein FBX30; SEL-10; hCdc4; FBXW7 (HGNC:16712
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
OMIM	606278
3D Structure	ModBase 3D Structure for Q969H0
Immunogen	This FBXW7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 177-208 amino acids from the N-terminal region of human FBXW7.
Cellular Localization	Cytoplasm, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FBXW7 antibody	Western Blot (WB)
Application Notes for anti-FBXW7 antibody	WB: 1:2000
Related Product Information for anti-FBXW7 antibody	MBS8557173 is an antibody targeting FBXW7. Also known as FBXW7 (N-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-FBXW7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBXW7. It may not necessarily be applicable to this product.

NCBI GI #	44887885
NCBI GeneID	55294
NCBI Accession #	Q969H0.1
UniProt Primary Accession #	Q969H0
UniProt Related Accession #	Q969H0
NCBI Official Full Name	F-box/WD repeat-containing protein 7

NCBI Official Synonym Full Names	F-box and WD repeat domain containing 7
NCBI Official Symbol	FBXW7
NCBI Official Synonym Symbols	AGO; CDC4; FBW6; FBW7; hAgo; FBX30; FBXW6; SEL10; hCdc4; FBXO30; SEL-10
UniProt Protein Name	F-box/WD repeat-containing protein 7
UniProt Synonym Protein Names	Archipelago homolog; hAgo; F-box and WD-40 domain-containing protein 7; F-box protein FBX30; SEL-10; hCdc4
Protein Family	F-box/WD repeat-containing protein
UniProt Gene Name	FBXW7
UniProt Synonym Gene Names	FBW7; FBX30; SEL10; hAgo
UniProt Entry Name	FBXW7_HUMAN
NCBI Protein Information	F-box/WD repeat-containing protein 7
NCBI Summary for FBXW7	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. [provided by RefSeq, Mar 2012]
Research Articles on FBXW7	**1.** The present study demonstrated that PRMT5 epigenetically silenced the expression of the tumor suppressor FBW7, leading to increased cMyc levels and the subsequent enhancement of the proliferation of and aerobic glycolysis in pancreatic cancer cells.
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