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Product datasheet for TA329827

FBXO7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB, IP
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FBXO7 antibody: synthetic peptide directed towards the middle region of human FBXO7. Synthetic peptide located within the following region: PGETPSQFPPLRPRFDPVGPLPGPNPILPGRGGPNDRFPFRPSRGRPTDG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	F-box protein 7
Database Link:	NP_001028196 Entrez Gene 25793 Human Q9Y3I1

View online »

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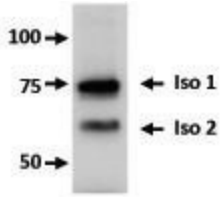
Background: FBXO7 is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent 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. FBXO7 belongs to the Fbxs class and it may play a role in regulation of hematopoiesis.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 the 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 belongs to the Fbxs class and it may play a role in regulation of hematopoiesis. Alternatively spliced transcript variants of this gene have been identified with the full-length natures of only some variants being determined.

Synonyms: FBX; FBX07; FBX7; PARK15; PKPS

Note: Immunogen sequence homology: Dog: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Rat: 93%; Horse: 92%; Mouse: 92%; Zebrafish: 83%; Guinea pig: 83%

Protein Families: Druggable Genome

Product images:



FBXO7 antibody - middle region validated by WB using U2OS cells at 0.5ug/ml.

Legend
Antibody binds to both isoforms of FBXO7

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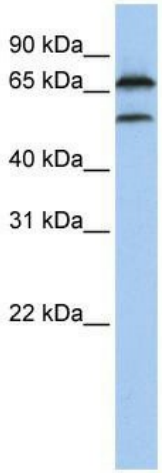
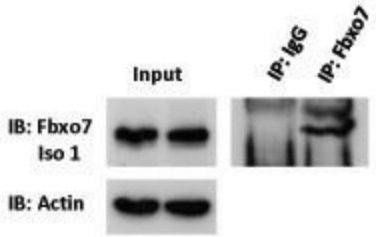


WB Suggested Anti-FBXO7 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: MCF7 cell lysateFBXO7 is supported by BioGPS gene expression data to be expressed in MCF7



Immunoprecipitation -- 5ug antibody

Legend
MW of Isoform 1 ~75kDa

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