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Product Number	ARP55585_P050-Biotin
Product Page	www.avivasysbio.com/fbxw8-antibody-middle-region-biotin-arp55585-p050-biotin.html
Name	FBXW8 Antibody - middle region : Biotin (ARP55585_P050-Biotin)
Protein Size (# AA)	598 amino acids
Molecular Weight	67kDa
Conjugation	Biotin
NCBI Gene Id	26259
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	F-box and WD repeat domain containing 8
Alias Symbols	FBW6, FBW8, FBX29, FBXW6, FBXO29
Peptide Sequence	Synthetic peptide located within the following region: MNQKLWEVYSGHPVQHISFSSHSLITANVPYQTVMRNADLDSFTTHRRHR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Tsutsumi, T., (2008) Mol. Cell. Biol. 28 (2), 743-751
Description of Target	FBXW8 is 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. FBXW8 contains a WD-40 domain, in addition to an F-box motif, so it belongs to the Fbw class. 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.
Protein Interactions	MAP4K1; CUL1; TBC1D3; CUL7; UBE2D3; SKP1; IRS1; REST; CCND1; CUL4A; DDB1; UBC; CCDC8; GORASP1; OBSL1; CCT6B; CCT2; CCT7; TRIP13; PDCD5; CUL2; VBP1; CCT3; PFDN5; NFKBIA; CCT6A; BCL3; BTRC; SKP2; HSP90AA1; HSPA4; FBXO4; FBXW8; FBXW2; MYC; RBX1; UBI4; EP300;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-FBXW8 (ARP55585_P050-Biotin) antibody
Blocking Peptide	For anti-FBXW8 (ARP55585_P050-Biotin) antibody is Catalog # AAP55585 (Previous Catalog # AAPP34146)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FBXW8
Uniprot ID	Q8N3Y1
Protein Name	F-box/WD repeat-containing protein 8
Publications	Lin, P. et al. Fbxw8 is involved in the proliferation of human choriocarcinoma JEG-3 cells. Mol. Biol. Rep. 38, 1741-7 (2011). WB, Human, Rabbit, Rat, Dog, Horse, Mouse, Bovine, Pig, Guinea pig 20878477

Protein Accession #	NP_699179
Purification	Affinity Purified
Nucleotide Accession #	NM_153348
Gene Symbol	FBXW8
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 83%; Dog: 92%; Guinea Pig: 83%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 92%
Image 1	

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