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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53776_P050-HRP
Product Page	www.avivasysbio.com/fbxo31-antibody-middle-region-hrp-arp53776-p050-hrp.html
Name	FBXO31 Antibody - middle region : HRP (ARP53776_P050-HRP)
Protein Size (# AA)	367 amino acids
Molecular Weight	40kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	79791
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	F-box protein 31
Alias Symbols	FBX14, Fbx31, MRT45, FBXO14, pp2386
Peptide Sequence	Synthetic peptide located within the following region: VAAAEQPAQCGQGQPFVLPVGVSSRNEDYPRTCRMCIFYGTGLIAGHGFTS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Mehrle, A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006)
Description of Target	FBXO31 is the component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in G1 arrest following DNA damage. FBXO31 specifically recognizes phosphorylated cyclin-D1 (CCND1), promoting its ubiquitination and degradation by the proteasome, resulting in G1 arrest. FBXO31 may act as a tumor suppressor. Members of the F-box protein family, such as FBXO31, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]). [supplied by OMIM].
Protein Interactions	CDT1; UBE2L6; UBE2D1; CCND1; CUL1; MAP2K6; PARD6A; SKP1; COPS5; RBX1;
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-FBXO31 (ARP53776_P050-HRP) antibody
Blocking Peptide	For anti-FBXO31 (ARP53776_P050-HRP) antibody is Catalog # AAP53776 (Previous Catalog # AAP30618)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FBXO31
Uniprot ID	Q5XUX0
Protein Name	F-box only protein 31
Protein Accession #	NP_079011
Purification	Affinity Purified
Nucleotide Accession #	NM_024735
Gene Symbol	FBXO31
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.