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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54612_P050-Biotin
Product Page	www.avivasysbio.com/fkbp3-antibody-c-terminal-region-biotin-arp54612-p050-biotin.html
Name	FKBP3 Antibody - C-terminal region : Biotin (ARP54612_P050-Biotin)
Protein Size (# AA)	224 amino acids
Molecular Weight	25kDa
Conjugation	Biotin
NCBI Gene Id	2287
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	FK506 binding protein 3, 25kDa
Alias Symbols	FKBP-3, FKBP25, PPIase, FKBP-25
Peptide Sequence	Synthetic peptide located within the following region: EALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPPNAKLTFEVELVDID
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Meng,X., Biochem Genet. 40 (9-10), 303-310 (2002)
Description of Target	FKBP3 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP3 is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin. The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.
Protein Interactions	UBC; EDC4; IGF2BP3; SYNCRIP; SEC16A; EIF2B2; EIF2B3; DYNLL1; RFC4; YBX1; NMT1; KRT18; ILF2; HNRNPU; HNRNPA2B1; DDX1; ABCF1; MAP1S; C14orf166; DIMT1; NELFB; SRPK1; FBXO25; BARD1; MYH10; PACSIN3; LRRFIP1; TIMELESS; Nedd4; NEDD4L; CALM1; HDAC2; HDAC1; YY1; C
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-FKBP3 (ARP54612_P050-Biotin) antibody
Blocking Peptide	For anti-FKBP3 (ARP54612_P050-Biotin) antibody is Catalog # AAP54612 (Previous Catalog # AAPP31403)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human FKBP3
Uniprot ID	Q00688
Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP3
Sample Type Confirmation	FKBP3 is supported by BioGPS gene expression data to be expressed in 721_B, HeLa, Jurkat, MCF7
Protein Accession #	NP_002004
Purification	Affinity Purified
Nucleotide Accession #	NM_002013
Gene Symbol	FKBP3

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Image 1	

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

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Optimal conditions of its use should be determined by end users.

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