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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|----------------------------|---|
| Product Number | ARP54612_P050-FITC |
| Product Page | www.avivasysbio.com/fkbp3-antibody-c-terminal-region-fitc-arp54612-p050-fitc.html |
| Name | FKBP3 Antibody - C-terminal region : FITC (ARP54612_P050-FITC) |
| Protein Size (# AA) | 224 amino acids |
| Molecular Weight | 25kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| 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-FITC) antibody |
| Blocking Peptide | For anti-FKBP3 (ARP54612_P050-FITC) 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 |

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| 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.

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.

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