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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	ARP56625_P050-Biotin
Product Page	www.avivasysbio.com/ppid-antibody-middle-region-biotin-arp56625-p050-biotin.html
Name	PPID Antibody - middle region : Biotin (ARP56625_P050-Biotin)
Protein Size (# AA)	370 amino acids
Molecular Weight	41kDa
Conjugation	Biotin
NCBI Gene Id	5481
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Peptidylprolyl isomerase D
Alias Symbols	CYPD, CYP-40
Peptide Sequence	Synthetic peptide located within the following region: AECGELKEGGDGGIFPKDGSGLDHPDFPEDADIDLKDVDKILLITEDLKN
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kajitani, K., (2008) Proteins 70 (4), 1635-1639
Description of Target	PPID is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A. The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	UBC; TRIM27; GPALPP1; CDC37; PTGES3; AHSA1; BCL2; PSAT1; HPRT1; GCLC; FBXO25; S100A6; S100A2; S100A1; HSP90AA1; TUBB; GNB2L1; TUBA1A; RPS3; ILF2; HSP90AB1; HSPA1A; XRCC6; FN1; APP; NR3C2; NR3C1; AR; LNX1; Nedd4; PLK1; CSNK2B; NPM1; HSPA8; KAT7; SMURF2; HA
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-PPID (ARP56625_P050-Biotin) antibody
Blocking Peptide	For anti-PPID (ARP56625_P050-Biotin) antibody is Catalog# AAP56625 (Previous Catalog# AAPP35417)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PPID
Uniprot ID	Q08752
Protein Name	Peptidyl-prolyl cis-trans isomerase D
Sample Type Confirmation	PPID is strongly supported by BioGPS gene expression data to be expressed in 721_B, Jurkat
Protein Accession #	NP_005029
Purification	Affinity Purified
Nucleotide Accession #	NM_005038
Gene Symbol	PPID

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 83%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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