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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56587_P050-FITC
Product Page	www.avivasysbio.com/pkp2-antibody-n-terminal-region-fitc-arp56587-p050-fitc.html
Name	PKP2 Antibody - N-terminal region : FITC (ARP56587_P050-FITC)
Protein Size (# AA)	837 amino acids
Molecular Weight	93kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5318
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Plakophilin 2
Alias Symbols	ARVD9
Peptide Sequence	Synthetic peptide located within the following region: HPLRRLEISPDSSPERAHYTHSDYQYSQRSQAGHTLHHQESRRAALLVPP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Krangel, M.S., (2008) J. Cell Biol. 181 (4), 605-613
Description of Target	This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the
Protein Interactions	NDEL1; MTUS2; CEP250; DROSHA; BMI1; EED; RNF2; YWHAB; CLK2; YWHAE; WHSC1; UBC; SMAD9; YWHAQ; CUL3; MARK3; POLR3A; YWHAG; PKP2; JUP; KRT18; KRT5; DSG2; DSG1; DSP; DSC2; DSC1; CTNNB1; GTF2B; SFN;
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-PKP2 (ARP56587_P050-FITC) antibody
Blocking Peptide	For anti-PKP2 (ARP56587_P050-FITC) antibody is Catalog # AAP56587 (Previous Catalog # AAPP39244)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PKP2
Uniprot ID	A0AV37
Protein Name	Plakophilin-2
Sample Type Confirmation	PKP2 is supported by BioGPS gene expression data to be expressed in COLO205
Protein Accession #	NP_001005242
Purification	Affinity Purified
Nucleotide Accession #	NM_001005242
Gene Symbol	PKP2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Cow: 77%; Dog: 79%; Horse: 86%; Human: 100%; Mouse: 86%; Rat: 77%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

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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