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Produktinformation



Forschungsprodukte & Biochemikalien



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	ARP56582_P050-FITC
Product Page	www.avivasysbio.com/pfkfb3-antibody-c-terminal-region-fitc-arp56582-p050-fitc.html
Name	PFKFB3 Antibody - C-terminal region : FITC (ARP56582_P050-FITC)
Protein Size (# AA)	520 amino acids
Molecular Weight	57kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5209
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
Alias Symbols	PFK2, IPFK2, iPFK-2
Peptide Sequence	Synthetic peptide located within the following region: YESVCTHRERSEDAKKGNPLMRRNSVTPLASPEPTKKPRINSFEEHVAS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene belongs to a family of bifunctional proteins that are involved in both the synthesis and degradation of fructose-2,6-bisphosphate, a regulatory molecule that controls glycolysis in eukaryotes. The encoded protein has a 6-phosphofructo-2-kinase activity that catalyzes the synthesis of fructose-2,6-bisphosphate (F2,6BP), and a fructose-2,6-biphosphatase activity that catalyzes the degradation of F2,6BP. This protein is required for cell cycle progression and prevention of apoptosis. It functions as a regulator of cyclin-dependent kinase 1, linking glucose metabolism to cell proliferation and survival in tumor cells. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	UBC; EGFR; ASB12; EIF4A3; MAGOH; ARRB2; ARRB1; ELAVL1; CUL2;
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-PFKFB3 (ARP56582_P050-FITC) antibody
Blocking Peptide	For anti-PFKFB3 (ARP56582_P050-FITC) antibody is Catalog# AAP56582
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human F263
Uniprot ID	Q16875
Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
Purification	Affinity Purified
Gene Symbol	PFKFB3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

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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