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Produktinformation

- Forschungsprodukte & Biochemikalien
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- 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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FN3KRP Antibody - N-terminal region : FITC (ARP58624_P050-FITC)

Data Sheet

Product Number	ARP58624_P050-FITC
Product Page	www.avivasysbio.com/fn3krp-antibody-n-terminal-region-fitc-arp58624-p050-fitc.html
Name	FN3KRP Antibody - N-terminal region : FITC (ARP58624_P050-FITC)
Protein Size (# AA)	309 amino acids
Molecular Weight	34kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	79672
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Fructosamine 3 kinase related protein
Alias Symbols	FN3KL
Peptide Sequence	Synthetic peptide located within the following region: MDPGDPAGDPAAGERHRMGRDPLLLLQALQTLWSTRERKQLREEAWRGFA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Szwergold,B., (2007) Biochem. Biophys. Res. Commun. 361 (4), 870-875
Description of Target	FN3KRP phosphorylates psicosamines and ribulosamines, but not fructosamines, on the third carbon of the sugar moiety. Protein-bound psicosamine 3-phosphates and ribulosamine 3-phosphates are unstable and decompose under physiological conditions. Thus phosphorylation leads to deglycation.FN3KRP and FN3K (MIM 608425) protect proteins from nonenzymatic glycation by phosphorylating the modified amino acid. This phosphorylation destabilizes the sugar-amine linkage and leads to spontaneous decomposition (Conner et al., 2004 [PubMed 15381090]).[supplied by OMIM].
Protein Interactions	APP; CUL3; CUL4B; UBC; USP43;
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-FN3KRP (ARP58624_P050-FITC) antibody
Blocking Peptide	For anti-FN3KRP (ARP58624_P050-FITC) antibody is Catalog # AAP58624 (Previous Catalog # AAPP35761)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FN3KRP
Uniprot ID	Q9HA64
Protein Name	Ketosamine-3-kinase
Sample Type Confirmation	FN3KRP is supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_078895
Purification	Affinity Purified
Nucleotide Accession #	NM_024619
Gene Symbol	FN3KRP
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 86%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 93%; Zebrafish: 79%
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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