

Product datasheet for **TA344259**

Ketosamine 3 kinase (FN3KRP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FN3KRP antibody: synthetic peptide directed towards the N terminal of human FN3KRP. Synthetic peptide located within the following region: MDPGDPAGDPAAGERHRMGRDPLLLLQALQTLWSTREKQLREEAWRGFA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	fructosamine 3 kinase related protein
Database Link:	NP_078895 Entrez Gene 79672 Human Q9HA64
Background:	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]



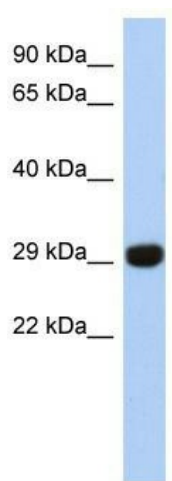
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Synonyms: FN3KL

Note: Immunogen Sequence Homology: Human: 100%; Rat: 93%; Dog: 86%; Pig: 86%; Horse: 86%; Mouse: 86%; Bovine: 86%; Rabbit: 86%; Guinea pig: 86%; Zebrafish: 79%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-FN3KRP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Jurkat cell lysate FN3KRP is supported by BioGPS gene expression data to be expressed in Jurkat