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FN3K Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55085

Specification

FN3K Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC**
Primary Accession	Q9H479
Reactivity	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**35171**

FN3K Polyclonal Antibody - Additional Information

Gene ID 64122

Other Names
Fructosamine-3-kinase, 2.7.1.171, Protein-psicosamine 3-kinase FN3K, Protein-ribulosamine 3-kinase FN3K, 2.7.1.172, FN3K {ECO:0000303|PubMed:14633848, ECO:0000312|HGNC:HGNC:24822}

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

FN3K Polyclonal Antibody - Protein Information

Name FN3K {ECO:0000303|PubMed:14633848, ECO:0000312|HGNC:HGNC:24822}

Function
Fructosamine-3-kinase involved in protein deglycation by mediating phosphorylation of fructoselysine residues on glycated proteins, to generate fructoselysine-3 phosphate (PubMed:11016445, PubMed:11522682, PubMed:11975663). Fructoselysine-3 phosphate adducts are unstable and decompose under physiological conditions (PubMed:11522682, PubMed:11975663). Involved in intracellular deglycation in erythrocytes (PubMed:11975663). Involved in the response to oxidative stress by mediating deglycation of NFE2L2/NRF2, glycation impairing NFE2L2/NRF2 function (By similarity). Also able to phosphorylate psicosamines and ribulosamines (PubMed:14633848).

Tissue Location
Widely expressed (PubMed:11522682). Expressed in erythrocytes (PubMed:11016445).

FN3K Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FN3K Polyclonal Antibody - Images