

A15512

Leader in Biomolecular Solutions for Life Science



# FN3KRP Rabbit pAb

Catalog No.: A15512

## Basic Information

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### Observed MW

35kDa

### Calculated MW

34kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

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A high concentration of glucose can result in non-enzymatic oxidation of proteins by reaction of glucose and lysine residues (glycation). Proteins modified in this way are less active or functional. This gene encodes an enzyme which catalyzes the phosphorylation of psicosamines and ribulosamines compared to the neighboring gene which encodes a highly similar enzyme, fructosamine-3-kinase, which has different substrate specificity. The activity of both enzymes may result in deglycation of proteins to restore their function. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

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WB 1:200 - 1:2000

## Immunogen Information

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### Gene ID

79672

### Swiss Prot

Q9HA64

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-309 of human FN3KRP (NP\_078895.2).

### Synonyms

FN3KL; FN3KRP

## Contact

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 [www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

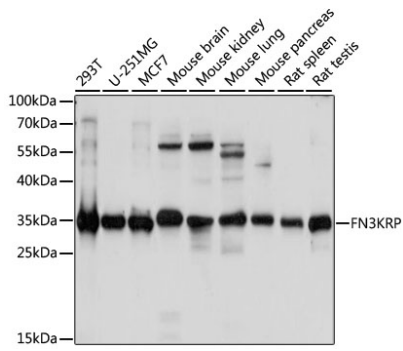
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using FN3KRP Rabbit pAb (A15512) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.