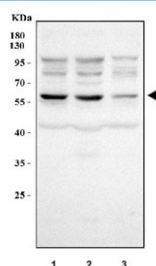


NAPRT Antibody / Nicotinate phosphoribosyltransferase (RQ8246)

Catalog No.	Formulation	Size
RQ8246	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6XQN6
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This NAPRT antibody is available for research use only.



Western blot testing of human 1) 293T, 2) HepG2 and 3) HeLa cell lysate with NAPRT antibody. Predicted molecular weight: 56-60 kDa (multiple isoforms).

Description

Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress.

Application Notes

Optimal dilution of the NAPRT antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids A69-Q480) was used as the immunogen for the NAPRT antibody.

Storage

After reconstitution, the NAPRT antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.