

Product datasheet

info@arigobio.com

ARG44072 anti-NAPRT antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal recognizes NAPRT

Tested Reactivity Hu
Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name NAPRT
Species Human

Immunogen Human NAPRT recombinant protein (Position: A69-Q480).

Conjugation Un-conjugated

Alternate Names NAPRT; Nicotinate Phosphoribosyltransferase; PP3856; NAPRT1; Nicotinate Phosphoribosyltransferase

Domain-Containing Protein 1; Nicotinate Phosphoribosyltransferase Domain Containing 1; FHA-HIT-Interacting Protein; NAPRTase; Nicotinic Acid Phosphoribosyltransferase; EC 6.3.4.21; EC 2.4.2.11; FHIP

Application Instructions

Application table	Application	Dilution
	WB	0.25 - 0.5 μg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.

Preservative 0.05% Sodium azide

Stabilizer 4% Trehalose

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol NAPRT

Gene Full Name Nicotinate Phosphoribosyltransferase

Background 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.

Function Catalyzes the first step in the biosynthesis of NAD from nicotinic acid, the ATP-dependent synthesis of

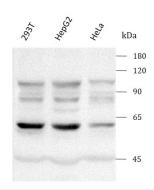
beta-nicotinate D-ribonucleotide from nicotinate and 5-phospho-D-ribose 1-phosphate.

Calculated Mw 58 kDa

PTM Phosphoprotein

Cellular Localization Cytoplasm

Images



ARG44072 anti-NAPRT antibody WB image

Western blot: 293T, HepG2 and Hela stained with ARG44072 anti-NAPRT antibody at 0.5 $\mu g/mL$ dilution.