

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% Na ₂ HPO ₄ , 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 µg/mL dilution.

