

Rabbit NAPRT1 Polyclonal Antibody | anti-NAPRT antibody

NAPRT1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288848	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	ELISA, Western Blot

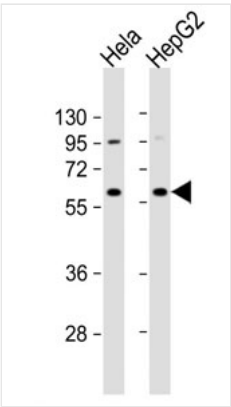
PRODUCT SYNONYMS

NAPRT1; Polyclonal Antibody; NAPRT1 Antibody (N-term); Nicotinate phosphoribosyltransferase; NAPRTase; FHA-HIT-interacting protein; Nicotinate phosphoribosyltransferase domain-containing protein 1; NAPRT; FHIP; anti-NAPRT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NAPRT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-100 amino acids from the N-terminal region of human NAPRT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	74-100
Sequence Length	538
Applicable Applications for anti-NAPRT antibody	ELISA, WB (Western Blot)
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 (PubMed: , PubMed:21742010, PubMed:). Helps prevent cellular oxidative stress via its role inNAD biosynthesis (PubMed:).
Cellular Location	Cytoplasm, cytosol
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-NAPRT1 Antibody (N-term) at 1:1000 dilution
Lane 1: Hela whole cell lysate
Lane 2: HepG2 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 58 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-NAPRT antibody	Catalyzes the conversion of nicotinic acid (NA) to NA mononucleotide (NaMN). Essential for NA to increase cellular NAD levels and prevent oxidative stress of the cells.
Product Categories/Family for anti-NAPRT antibody	Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394158
NCBI GeneID	93100
NCBI Accession #	NP_660202.3
NCBI GenBank Nucleotide #	NM_145201.5
UniProt Accession #	Q6XQN6; Q6PJL1; Q6XQN4; Q6XQN5; Q8N5E8; Q9BRG0; A7BF13
Molecular Weight	57578
NCBI Official Full Name	nicotinate phosphoribosyltransferase isoform 1
NCBI Official Synonym Full Names	nicotinate phosphoribosyltransferase
NCBI Official Symbol	NAPRT
NCBI Official Synonym Symbols	NAPRT1; PP3856
NCBI Protein Information	nicotinate phosphoribosyltransferase
UniProt Protein Name	Nicotinate phosphoribosyltransferase
UniProt Gene Name	NAPRT
UniProt Synonym Gene Names	FHIP; NAPRT1; NAPRTase
UniProt Entry Name	PNCB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.