

NAPRT1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14881

Product Information

Application	WB
Primary Accession	Q6XQN6
Other Accession	NM_145201 , NP_660202
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rabbit, Zebrafish, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57578

Additional Information

Gene ID	93100
Alias Symbol	PP3856
Other Names	Nicotinate phosphoribosyltransferase, NAPRTase, 6.3.4.21, FHA-HIT-interacting protein, Nicotinate phosphoribosyltransferase domain-containing protein 1, NAPRT, FHIP, NAPRT1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NAPRT1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NAPRT1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NAPRT
Synonyms	FHIP, NAPRT1
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: 17604275 , PubMed: 21742010 , PubMed: 26042198). Helps prevent cellular oxidative stress via its role in NAD biosynthesis (PubMed: 17604275).
Cellular Location	Cytoplasm, cytosol.

References

Hara N.,et al.J. Biol. Chem. 282:24574-24582(2007).
Huang C.-H.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Olsen J.V.,et al.Cell 127:635-648(2006).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

Images



WB Suggested Anti-NAPRT1 Antibody Titration: 1.0 µg/ml
Positive Control: Jurkat Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.