

NAPRT1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14881**Specification**

NAPRT1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O6XQN6
Other Accession	NM_145201 , NP_660202
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Rabbit, Horse, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 51kDa KDa

NAPRT1 antibody - C-terminal region - 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.

NAPRT1 antibody - C-terminal region - 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).

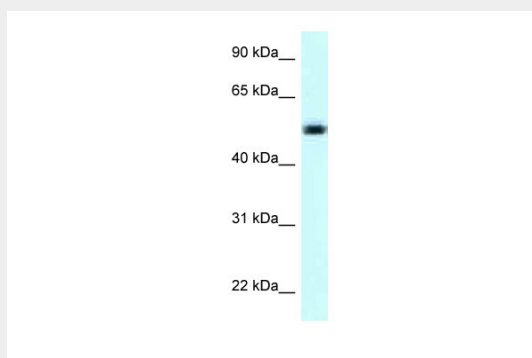
Cellular Location

Cytoplasm, cytosol.

NAPRT1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NAPRT1 antibody - C-terminal region - Images

WB Suggested Anti-NAPRT1 Antibody Titration: 1.0 µg/ml

Positive Control: Jurkat Whole Cell

NAPRT1 antibody - C-terminal region - 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).