

Naprt1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14882**Specification**

Naprt1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8CC86
Other Accession	NM_172607 , NP_766195
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Rat, Chicken, Horse, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 58kDa KDa

Naprt1 antibody - N-terminal region - Additional Information**Gene ID** 223646**Alias Symbol** 9130210N20Rik**Other Names**

Nicotinate phosphoribosyltransferase, NAPRTase, 6.3.4.21, Nicotinate phosphoribosyltransferase domain-containing protein 1, Naprt, 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 - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Naprt1 antibody - N-terminal region - Protein Information**Name** Naprt**Synonyms** 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. Helps prevent cellular oxidative stress via its role in NAD biosynthesis.

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q6XQN6}

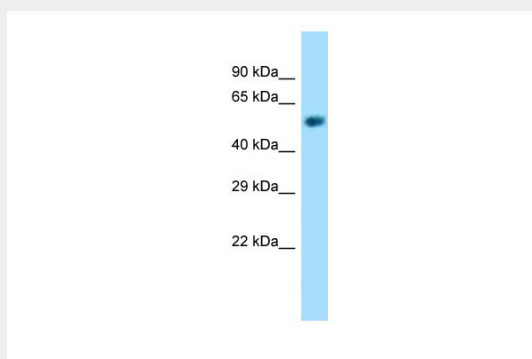
Tissue Location

Abundantly expressed in the small intestine, liver and kidney.

Naprt1 antibody - N-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 - N-terminal region - Images

WB Suggested Anti-Naprt1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Naprt1 antibody - N-terminal region - References

Huang C.-H., et al. Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Carninci P., et al. Science 309:1559-1563(2005).
Hara N., et al. J. Biol. Chem. 282:24574-24582(2007).