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Naprt1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14882

Product Information

Application	WB
Primary Accession	Q8CC86
Other Accession	NM_172607, NP_766195
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rat, Zebrafish, Chicken, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58265

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.

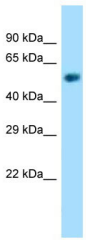
Protein Information

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.

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).

Images



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

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