



[Go to Product page](#)

Datasheet for ABIN6978509

## anti-NAPRT1 antibody (AA 351-450) (Alexa Fluor 555)

### Overview

Quantity:	100 µL
Target:	NAPRT1 (NAPRT)
Binding Specificity:	AA 351-450
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAPRT1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NAPRT1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	NAPRT1 (NAPRT)
Alternative Name:	NAPRT1 ( <a href="#">NAPRT Products</a> )

## Target Details

---

**Background:** Synonyms: FHA HIT interacting protein, FHA-HIT-interacting protein, FHIP, FHIP, NAPRT1, NAPRTase, Nicotinate phosphoribosyltransferase, Nicotinate phosphoribosyltransferase domain containing 1, Nicotinate phosphoribosyltransferase domain-containing protein 1, Nicotinic acid phosphoribosyltransferase, PNCB\_HUMAN, PP3856.  
Background: Nicotinic acid (NA, niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT, EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular metabolism including response to stress (Hara et al., 2007).[supplied by OMIM, Mar 2008]

---

**Gene ID:** 93100

---

**UniProt:** [Q6XQN6](#)

## Application Details

---

**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** 1 µg/µL

---

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

---

**Preservative:** ProClin

---

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

**Storage:** -20 °C

---

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

---

**Expiry Date:** 12 months