

## Nmnat1 Antibody FITC Conjugated

Catalog No: #C01447F

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## Description

Product Name	Nmnat1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Nmnat1
Conjugates	FITC
Target Name	Nmnat1
Other Names	NaMN adenylyltransferase 1; Nicotinamide mononucleotide adenylyltransferase 1; nicotinamide nucleotide adenylyltransferase 1; nicotinate nucleotide adenylyltransferase 1; Nicotinate-nucleotide adenylyltransferase 1; NMN adenylyltransferase 1; NMNA1_HUMAN; Nmnat 1; Nmnat1; Nmnat-1; OTTHUMP00000001731
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

Nicotinamide adenine dinucleotide (NMNAT) is an essential cofactor involved in fundamental processes in cell metabolism. NMNAT plays a key role in NAD(+) biosynthesis, catalysing the condensation of nicotinamide mononucleotide and ATP, and yielding NAD(+) and pyrophosphate. NMNAT appears to be a substrate of nuclear kinases and contains at least three potential phosphorylation sites. The interaction of NMNAT with nuclear proteins is likely to be modulated by phosphorylation. NMNAT is widely expressed with highest levels in skeletal muscle, heart, liver and kidney.

Note: This product is for in vitro research use only