

Nampt Rabbit mAb

Catalog # AP76900

Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	P43490
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	55521

Additional Information

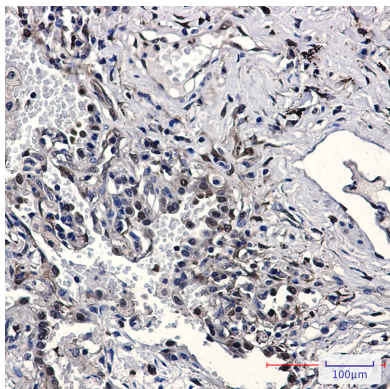
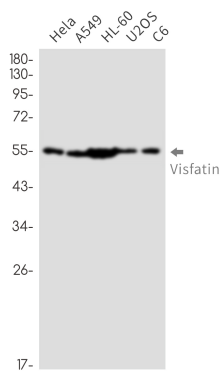
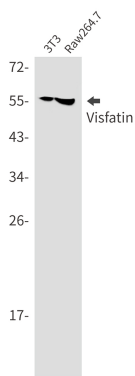
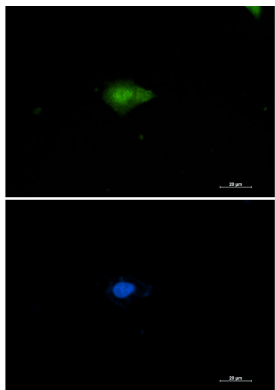
Gene ID	10135
Other Names	NAMPT
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~1/20 ICC~~N/A
Format	Liquid

Protein Information

Name	NAMPT
Synonyms	PBEF, PBEF1
Function	<p>Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. The secreted form behaves both as a cytokine with immunomodulating properties and an adipokine with anti-diabetic properties, it has no enzymatic activity, partly because of lack of activation by ATP, which has a low level in extracellular space and plasma. Plays a role in the modulation of circadian clock function. NAMPT-dependent oscillatory production of NAD regulates oscillation of clock target gene expression by releasing the core clock component: CLOCK-BMAL1 heterodimer from NAD-dependent SIRT1- mediated suppression (By similarity).</p>
Cellular Location	<p>Nucleus. Cytoplasm {ECO:0000250 UniProtKB:Q99KQ4}. Secreted</p> <p>Note=Under non-inflammatory conditions, visfatin predominantly exhibits a granular pattern within the nucleus. Secreted by endothelial cells upon IL-1beta stimulation. Abundantly secreted in milk, reaching 100- fold higher concentrations compared to maternal serum</p>
Tissue Location	Expressed in large amounts in bone marrow, liver tissue, and muscle. Also

present in heart, placenta, lung, and kidney tissues

Images



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