
Product Name: Nampt Rabbit Monoclonal Antibody**Catalog #: AMRe03816**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.45mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 56 kDa

Antigen Information

Gene Name	NAMPT
Alternative Names	Nicotinamide phosphoribosyltransferase; NAmPRTase; Nampt; Pre-B-cell colony-enhancing factor 1; Pre-B cell-enhancing factor; Visfatin
Gene ID	10135
SwissProt ID	P43490
Immunogen	A synthetic peptide of human Visfatin

Background

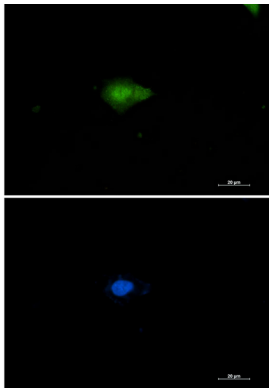
PBEF1: nicotinamide phosphoribosyltransferase. This gene encodes a protein that catalyzes the condensation of nicotinamide

with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity.

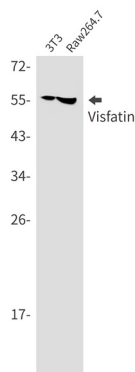
Research Area

Cardiovascular

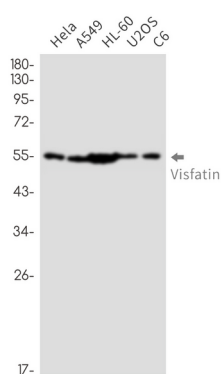
Image Data



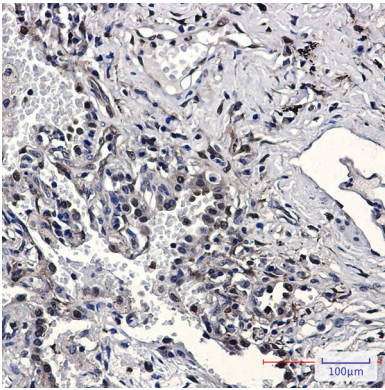
Immunocytochemistry analysis of Nampt (green) in U87-MG using Nampt antibody, and DAPI (blue).



Western blot analysis of Visfatin in 3T3, Raw264.7 lysates using Visfatin antibody.



Western blot analysis of Visfatin in HeLa, A549, HL-60, U2OS, C6 lysates using Visfatin antibody



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Visfatin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.