NAMPT RABBIT MAB

Cat.#: N263605

Product Name: Anti-Nampt Rabbit Monoclonal Antibody

Synonyms: Nicotinamide phosphoribosyltransferase; NAmPRTase; Nampt; Pre-B-cell colony-enhancing factor 1; Pre-B cell-enhancing factor; Visfatin

UNIPROT ID: P43490

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.

Immunogen: A synthetic peptide of human Visfatin

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-4C4

MW: Calculated MW: 56 kDa; Observed MW: 56 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

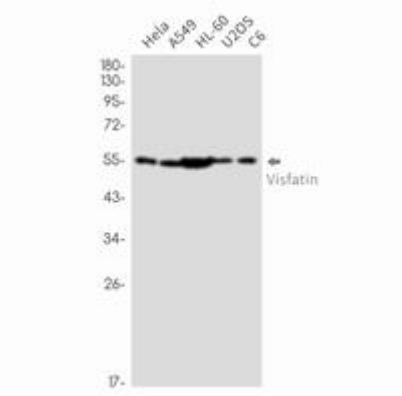
Conjugation: Unconjugated

Modification: Unmodified

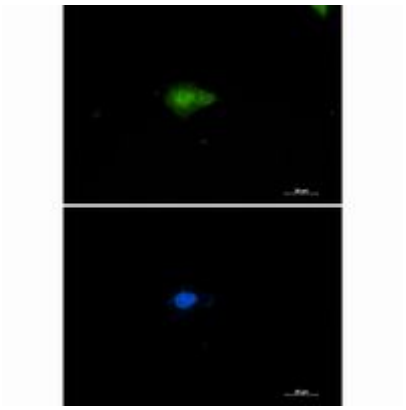
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cardiovascular

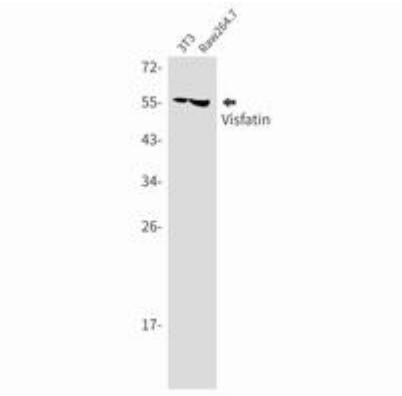
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



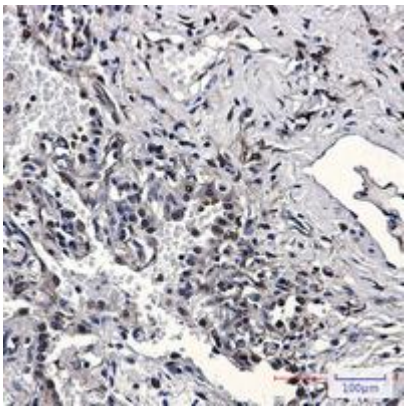
Western blot analysis of Visfatin in Hela, A549, HL-60, U2OS, C6 lysates using Visfatin antibody



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.



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.