

Product datasheet for **TA336957**

Visfatin (NAMPT) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1: 1000-1:5000
Reactivity:	Human, Mouse, Rat, Chicken, Primate
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A portion of amino acid 30-80 of human NAMPT/Visfatin was used as the immunogen.
Formulation:	Store at -20C. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Whole antisera
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	nicotinamide phosphoribosyltransferase
Database Link:	NP_005737 Entrez Gene 59027 Mouse Entrez Gene 297508 Rat Entrez Gene 10135 Human P43490

Background: NAMPT is a 491 amino acid adipokine belonging to the NAPRTase family. It promotes angiogenesis via activation of the mitogen-activated protein kinase ERK-dependent pathway, is upregulated in neutrophils by IL-1beta, and functions as a novel inhibitor of apoptosis in response to a variety of inflammatory stimuli. It acts as a regulator of NAD⁺-dependent reactions in smooth muscle cells (SMCs) and in the pathogenesis of type 2 diabetes mellitus. NAMPT plays a role in insulin resistance and markers of hyperandrogenism in lean PCOS patients. It is a longevity protein that can add stress-resistant life to human smooth muscle cells by optimizing SIRT1-mediated p53 degradation. The expression level of NAMPT is high in visceral fat and serum levels in overweight and obese subjects with metabolic syndrome. It is expressed in large amounts in bone marrow, liver tissue, muscle, heart, placenta, lung and kidney tissues.



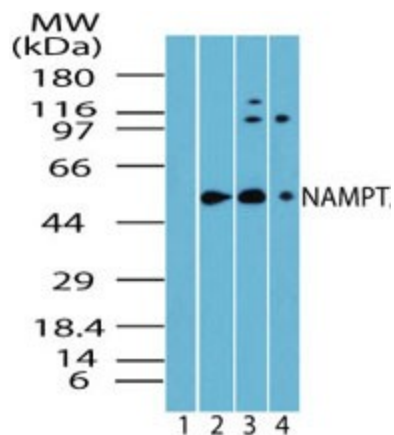
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Synonyms: 1110035O14Rik; PBEF; PBEF1; VF; VISFATIN

Protein Families: Druggable Genome

Protein Pathways: Nicotinate and nicotinamide metabolism

Product images:



Western Blot: NAMPT Antibody TA336957 - Western blot analysis of NAMPT in skeletal muscle lysate. Lane 1 shows pre-immune sera. Lane 2 shows human, Lane 3 shows mouse and Lane 4 shows rat skeletal muscle using TA336957 at 1:5000 dilution.