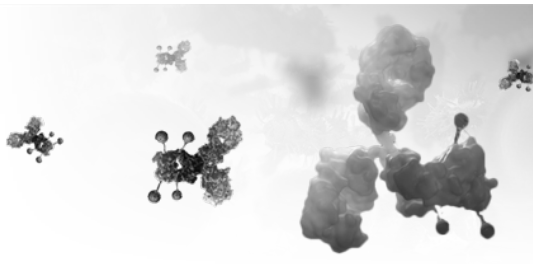

Rabbit Anti-Human Visfatin Polyclonal Antibody (CABT-L2105)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Visfatin (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against VF. It has been selected for its ability to recognize VF in immunohistochemical staining and western blotting.
Target	VF
Immunogen	Recombinant fragment corresponding to human NAMPT (Met1~His491)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Pig
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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 belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) family and is thought to be involved in many important biological processes, including metabolism, stress response and aging. This gene has a pseudogene on chromosome 10. [provided by RefSeq, Feb 2011]
Keywords	Nampt;NAmPRTase;PBEF;PBEF1;Pre-B-Cell Colony Enhancing Factor;Nicotinamide Phosphoribosyltransferase

GENE INFORMATION

Gene Name	NAMPT nicotinamide phosphoribosyltransferase [Homo sapiens (human)]
Official Symbol	NAMPT
Synonyms	NAMPT; nicotinamide phosphoribosyltransferase; VF; PBEF; PBEF1; VISFATIN; 1110035O14Rik; NAmPRTase; pre-B cell-enhancing factor; pre-B-cell colony enhancing factor 1; pre-B-cell colony-enhancing factor 1;
Protein Refseq	NP_005737
UniProt ID	A0A024R718
Chromosome Location	7q22.3
Pathway	Adipogenesis; BMAL1:CLOCK,NPAS2 activates circadian gene expression; Circadian Clock; Defective AMN causes hereditary megaloblastic anemia 1; Defective BTD causes biotidinase deficiency; Defective CD320 causes methylmalonic aciduria; Defective CUBN causes hereditary megaloblastic anemia 1; Defective GIF causes intrinsic factor deficiency;
Function	cytokine activity; drug binding; nicotinamide phosphoribosyltransferase activity; nicotinate-nucleotide diphosphorylase (carboxylating) activity; protein binding; protein homodimerization activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221