

Immunotag™ NAMPT Antibody

Antibody Specification	
Catalog No.	ITA6145
Product Description	Immunotag™ NAMPT Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NAMPT
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NAMPT
Specificity	NAMPT Antibody detects endogenous levels of total NAMPT
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NAMPT
Accession No.	P43490
Alternate Names	1110035O14Rik; AI314458; AI480535; DKFZP666B131; EC 2.4.2.12; MGC117256; NAmPRTase; Nampt; NAMPT_HUMAN; Nicotinamide phosphoribosyltransferase; PBEF 1; PBEF; PBEF1; Pre B cell colony enhancing factor 1; Pre B cell colony enhancing factor; Pre B cell enhancing factor; Pre-B cell-enhancing factor; Pre-B-cell colony-enhancing factor 1; VF; Visfatin;

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Description	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-ARNTL/BMAL1 heterodimer from NAD-dependent SIRT1-mediated suppression (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	52kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.