

Rabbit Visfatin Polyclonal Antibody | anti-NAMPT antibody

Anti-Visfatin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46651	Rabbit	Human, Mouse, Rat No cross reactivity with other proteins.	ELISA, Immunohistochemistry, Western Blot

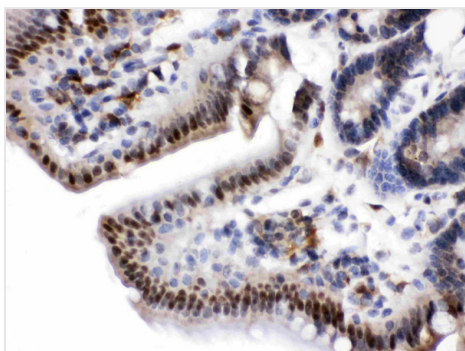
PRODUCT SYNONYMS

Visfatin; Polyclonal Antibody; Anti-Visfatin Antibody; NAMPTase; Nampt; PBEF 1; PBEF1; PBEF; VF; P43490; Nicotinamide phosphoribosyltransferase; nicotinamide phosphoribosyltransferase; anti-NAMPT antibody

PRODUCT SPECIFICATIONS

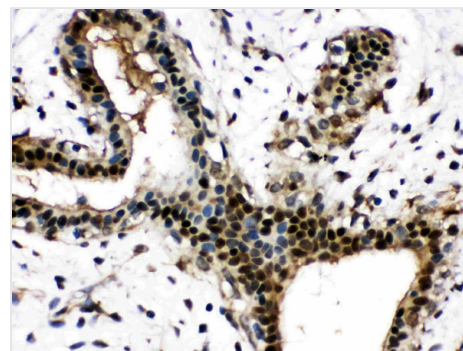
Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	491
Applicable Applications for anti-NAMPT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Visfatin recombinant protein (Position: L62-N337). Human Visfatin shares 97.1% and 96.7% amino acid (aa) sequence identity with mouse and rat Visfatin, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



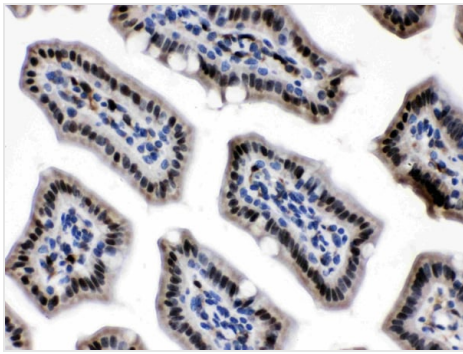
IHC (Immunohistochemistry)

Visfatin was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti-Visfatin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



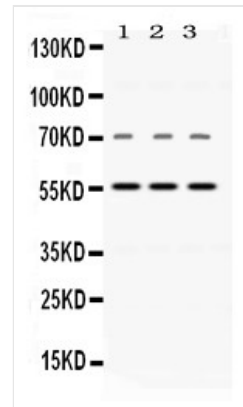
IHC (Immunohistochemistry)

Visfatin was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti-Visfatin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

Visfatin was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti-Visfatin Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of Visfatin expression in rat brain extract (lane 1), mouse cardiac muscle extract (lane 2), and human placenta extract (lane 3). Visfatin at 56KD was detected using rabbit anti-Visfatin Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-NAMPT antibody	Rabbit IgG polyclonal antibody for Nicotinamide phosphoribosyltransferase (NAMPT) detection. Background: Nicotinamide phosphoribosyltransferase (NAMPTase or Nampt), also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin, is an enzyme that in humans is encoded by the PBEF1 gene. 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.
References	1. "Entrez Gene: PBEF1 pre-B-cell colony enhancing factor 1". 2. Samal B, Sun Y, Stearns G, Xie C, Suggs S, McNiece I (February 1994). "Cloning and characterization of the cDNA encoding a novel human pre-B-cell colony-enhancing factor". <i>Mol. Cell. Biol.</i> 14 (2): 1431-7. 3. Wang T, Zhang X, Bheda P, Revollo JR, Imai S, Wolberger C (July 2006). "Structure of Nampt/PBEF/visfatin, a mammalian NAD⁺ biosynthetic enzyme". <i>Nat. Struct. Mol. Biol.</i> 13 (7): 661-2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031977
NCBI GeneID	10135
NCBI Accession #	NP_005737.1
NCBI GenBank Nucleotide #	NM_005746.2
UniProt Accession #	P43490; Q3KQV0; Q8WW95; A4D0Q9; A4D0R0
Molecular Weight	55,521 Da
NCBI Official Full Name	nicotinamide phosphoribosyltransferase
NCBI Official Synonym Full Names	nicotinamide phosphoribosyltransferase
NCBI Official Symbol	NAMPT
NCBI Official Synonym Symbols	VF; PBEF; PBEF1; VISFATIN; 1110035O14Rik
NCBI Protein Information	nicotinamide phosphoribosyltransferase
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Gene Name	NAMPT
UniProt Synonym Gene Names	PBEF; PBEF1; NAMPTase; Nampt; Pre-B cell-enhancing factor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/visfatin-antibody-immunohistochemistry-western-blot-elisa/46651>