

## Visfatin Polyclonal Antibody

Catalog number: 11776-1-AP

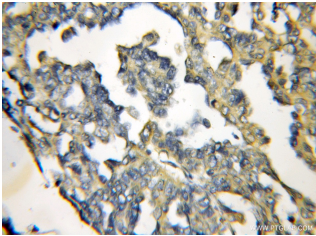
Size: 20 µg/150 µl

Source: Rabbit

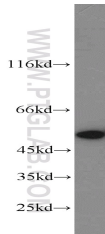
Isotype: IgG

Synonyms:

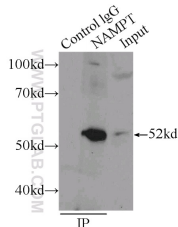
NAMPT; 1110035O14Rik,  
DKFZp666B131, NAmPRTase,  
NAMPT, PBEF, PBEF1, Pre B  
cell enhancing factor, VF,  
VISFATIN



Immunohistochemical of paraffin-embedded human ovary tumor using 11776-1-AP (NAMPT antibody) at dilution of 1:50 (under 10x lens)



mouse heart tissue were subjected to SDS PAGE followed by western blot with 11776-1-AP (NAMPT antibody) at dilution of 1:1000



IP Result of anti-NAMPT (IP:11776-1-AP, 3µg; Detection:11776-1-AP 1:1000) with mouse heart tissue lysate 4000µg.

### Background

Nicotinamide phosphoribosyltransferase (NAMPT) has two usual synonyms termed Visfatin and PBEF. Its primary role is to catalyze the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD, which is the rate limiting component in the mammalian NAD biosynthesis pathway. NAMPT is localized in cytoplasm and expressed in large amounts in bone marrow, liver tissue, and muscle tissues. NAMPT inhibits neutrophil apoptosis in experimental inflammation and clinical sepsis. NAMPT levels are altered in plasma of patients with type 2 diabetes mellitus (T2DM), and it is now evidenced that NAMPT may play a role in lipid metabolism.

### Applications

Tested applications:	ELISA, IHC, WB, IP
Species specificity:	Human, Mouse, Rat, Zebrafish; other species not tested.
Calculated Visfatin MW:	52 kDa
Observed Visfatin MW:	46-52 kDa
Positive WB detected in	Mouse heart tissue, HL-60 cells, mouse liver tissue, rat liver tissue, zebrafish tissue
Positive IP detected in	Mouse heart tissue
Positive IHC detected in	Human ovary tumor tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2434
GenBank accession number:	BC020691
Gene ID (NCBI):	10135
Full name:	Nicotinamide phosphoribosyltransferase

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.