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Rabbit Anti-Visfatin antibody

SL10245R

Product Name	Visfatin
Chinese Name	内脂素/内脏脂肪素/前 B 细胞克隆增强因子 1 抗体
Alias	pre-B-cell colony-enhancing factor 1; PBEF1 protein; AI480535; 1110035O14Rik; AI314458; DKFZP666B131; EC 2.4.2.12; MGC117256; NAmPRTase; NAMPT; Nicotinamide phosphoribosyltransferase; PBEF; PBEF1; Pre B cell colony enhancing factor 1; Pre B cell colony enhancing factor; Pre B cell enhancing factor; NAMPT_HUMAN.
Research Area	Cardiovascular immunology Neurobiology Growth factors and hormones Diabetes Endocrinopathy
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse (predicted:Rat,Chicken,Dog,Pig,Horse,Rabbit)
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	55kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PBEF: 401-491/491
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed

Product Detail

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].

Function:
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.

Subunit:
Homodimer.

Subcellular Location:
Cytoplasm.

Tissue Specificity:
Expressed in large amounts in bone marrow, liver tissue, and muscle. Also present in heart, placenta, lung, and kidney tissues.

Similarity:
Belongs to the NAPRTase family.

SWISS:
P43490

Gene ID:
10135

Database links:

Entrez Gene: 10135 Human

Entrez Gene: 59027 Mouse

Entrez Gene: 297508 Rat

Omim: 608764 Human

SwissProt: P43490 Human

SwissProt: Q99KQ4 Mouse

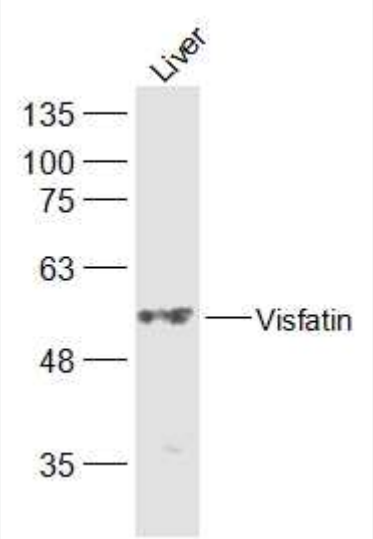
SwissProt: Q80Z29 Rat

Unigene: 489615 Human

Unigene: 202727 Mouse

Unigene: 203508 Rat

Product Picture



Sample:

Liver (Mouse) Lysate at 40 ug

Primary: Anti-Visfatin (SL10245R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55 kD

Observed band size: 55 kD

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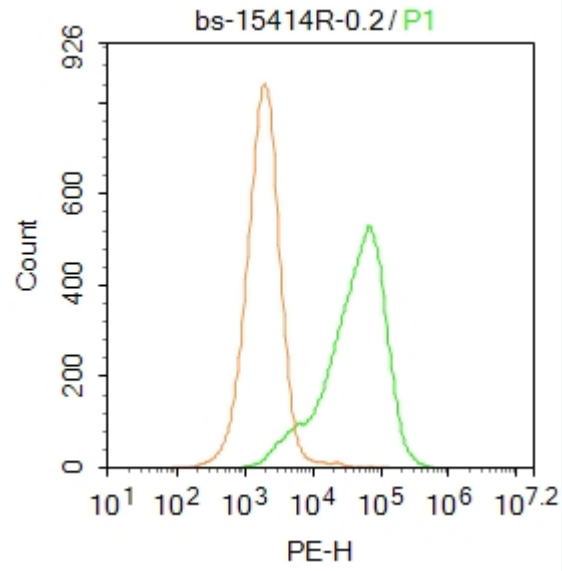

Blank control:A549.

Primary Antibody (green line): Rabbit Anti-HAUS3 antibody (SL15414R)

Dilution: 1μg /10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution:0.2μg /test.

Protocol

The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 20% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used

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for 40 min at room temperature. Acquisition of 20,000 events was performed.