

Product datasheet for **TA326802**

Visfatin (NAMPT) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ICC/IF, IHC, WB |
| Recommended Dilution: | WB 1:500 - 1:2000;IF 1:50- 1:200 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant protein of human NAMPT |
| Formulation: | Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3 |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | nicotinamide phosphoribosyltransferase |
| Database Link: | NP_005737 Entrez Gene 59027 Mouse Entrez Gene 297508 Rat Entrez Gene 10135 Human P43490 |
| 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 plays a role in lipid metabolism. |



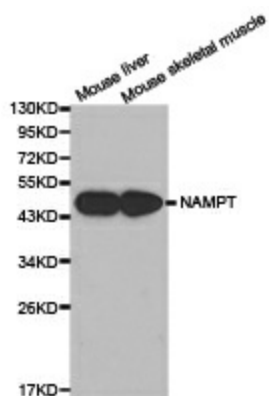
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Synonyms: 1110035O14Rik; PBEF; PBEF1; VF; VISFATIN

Protein Families: Druggable Genome

Protein Pathways: Nicotinate and nicotinamide metabolism

Product images:



Western blot analysis of extracts of various cell lines, using NAMPT antibody.