

Product datasheet for **TA321726**

Visfatin (NAMPT) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A375, 293T cells and mouse liver tissue, Jurkat cells and human fetal kidney tissue IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human nicotinamide phosphoribosyltransferase
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	nicotinamide phosphoribosyltransferase
Database Link:	NP_005737 Entrez Gene 59027 Mouse Entrez Gene 297508 Rat Entrez Gene 10135 Human P43490



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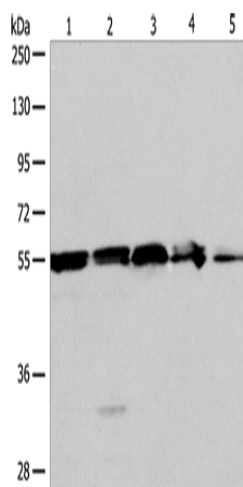
Background: This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide; one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) 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.?

Synonyms: 1110035014Rik; PBEF; PBEF1; VF; VISFATIN

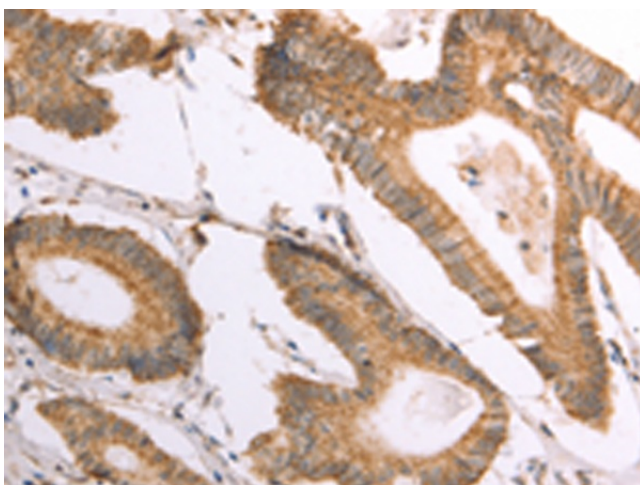
Protein Families: Druggable Genome

Protein Pathways: Nicotinate and nicotinamide metabolism

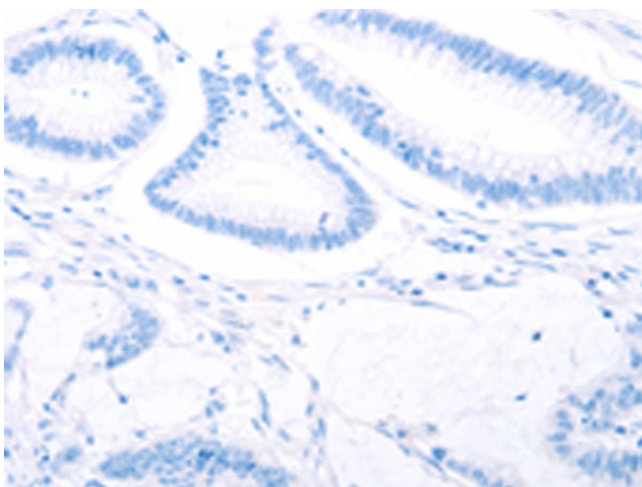
Product images:



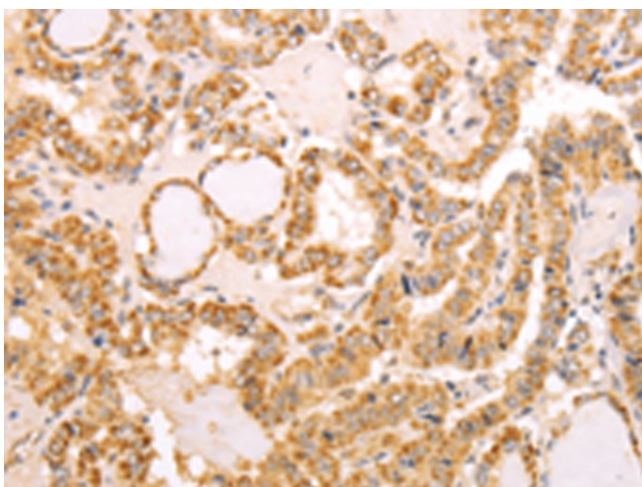
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-5: A375 cells
293T cells
mouse liver tissue
Jurkat cells
human fetal kidney tissue
Primary antibody: TA321726 (NAMPT Antibody) at dilution 1/700
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



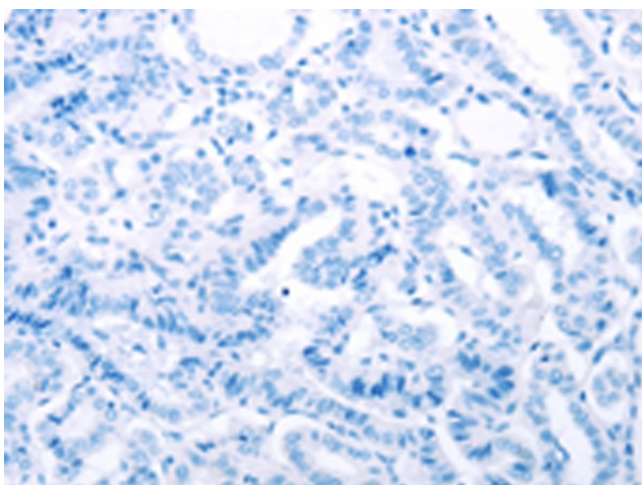
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321726 (NAMPT Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA321726 (NAMPT Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321726 (NAMPT Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321726 (NAMPT Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: $\times 200$)