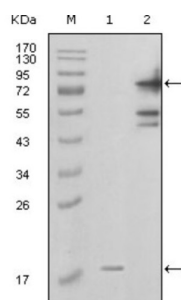


Pre-B-Cell Colony-Enhancing Factor 1 (PBEF1) Antibody

Catalogue No.: abx011321



Western blot analysis using PBEF1 antibody against truncated PBEF1-His recombinant protein (1) and full-length GFP-PBEF1 (aa1-491) transfected COS7 cell lysate (2).

PBEF1: nicotinamide phosphoribosyltransferase. 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 is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity.

Target: Pre-B-Cell Colony-Enhancing Factor 1 (PBEF1)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA

Host: Mouse

Recommended dilutions: ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of PBEF1 (aa338-479) expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P43490 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 3.0.0

Revision date: 20 Aug 2025



Gene Symbol: NAMPT

GeneID: [10135](#)

OMIM: [608764](#)

HGNC: 30092

KEGG: hsa:10135

Ensembl: ENSG00000105835

String: [9606.ENSP00000222553](#)

Molecular Weight: 56 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only