

Product datasheet

Anti-Visfatin antibody [BLR058F] α b272084

Recombinant

5 Images

Overview

Product name	Anti-Visfatin antibody [BLR058F]
Description	Rabbit monoclonal [BLR058F] to Visfatin
Host species	Rabbit
Tested applications	Suitable for: IP, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Visfatin aa 400-450. The exact sequence is proprietary. NP_005737.1 Database link: P43490
Positive control	IHC-P: Human breast carcinoma and ovarian carcinoma tissue. ICC: NCI-H460. IP: Visfatin IP in HEK-293T whole cell lysate.
General notes	This product is sold under License from Bethyl Laboratories, Inc.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 8.20 Preservative: 0.09% Sodium azide Constituent: 99% Borate buffered saline
Carrier free	Yes
Purification notes	Purified from cell culture supernatant.
Clonality	Monoclonal
Clone number	BLR058F
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab272084 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.

Target

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.

Tissue specificity

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

Pathway

Cofactor biosynthesis; NAD(+) biosynthesis; nicotinamide D-ribonucleotide from 5-phospho-alpha-D-ribose 1-diphosphate and nicotinamide: step 1/1.

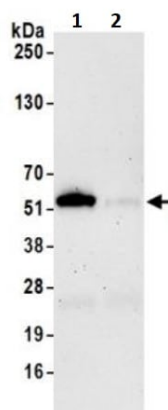
Sequence similarities

Belongs to the NAPRTase family.

Cellular localization

Cytoplasm.

Images



Immunoprecipitation - Anti-Visfatin antibody
[BLR058F] (ab272084)

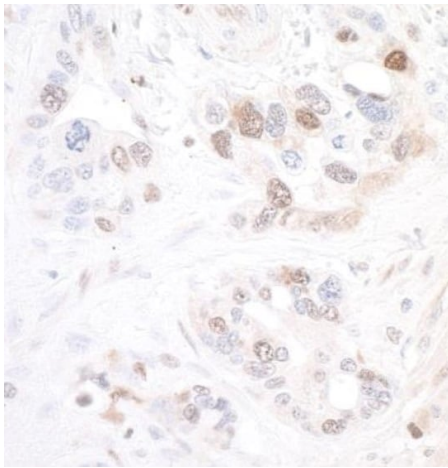
Visfatin was immunoprecipitated from HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate (1 mg per IP reaction; 20% of IP loaded) prepared using NETN lysis buffer.

ab252558 used for IP at 5 µl per reaction. For WB 1/1000 dilution.

Lane 1: **ab252558** IP in HEK-293T whole cell lysate.

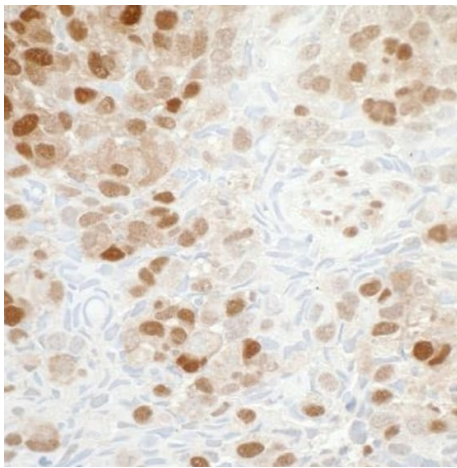
Lane 2: Control IgG IP in HEK-293T whole cell lysate.

Chemiluminescence detection: 75 seconds.



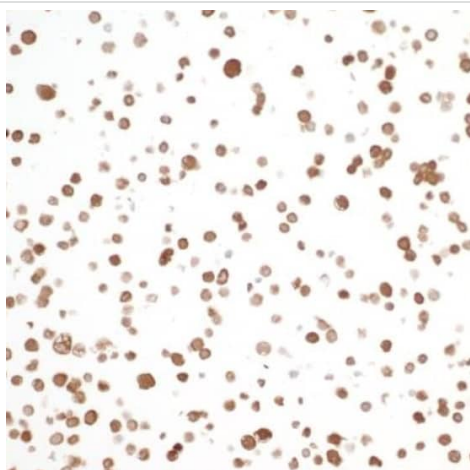
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Visfatin antibody [BLR058F] (ab272084)

Formalin-fixed, paraffin-embedded human ovarian carcinoma tissue stained for Visfatin with **ab252558** at a 1/250 dilution in immunohistochemical analysis. DAB staining. HRP-conjugated goat anti-rabbit IgG secondary.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Visfatin antibody [BLR058F] (ab272084)

Formalin-fixed, paraffin-embedded human breast carcinoma tissue stained for Visfatin with **ab252558** at a 1/250 dilution in immunohistochemical analysis. DAB staining. HRP-conjugated goat anti-rabbit IgG secondary.



Immunocytochemistry/ Immunofluorescence - Anti-Visfatin antibody [BLR058F] (ab272084)

FFPE section of NCI-H460 (Human lung cancer cell line) cells labeling Visfatin using **ab252558** at a 1/250 dilution in ICC.

Secondary: HRP-conjugated goat anti-rabbit IgG.

Substrate: DAB.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Visfatin antibody [BLR058F] (ab272084)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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