

Product datasheet

Anti-Phosphoribosyl pyrophosphate amidotransferase antibody ab125864

[1 References](#) [2 Images](#)

Overview

Product name	Anti-Phosphoribosyl pyrophosphate amidotransferase antibody
Description	Rabbit polyclonal to Phosphoribosyl pyrophosphate amidotransferase
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 283-467 of Human Phosphoribosyl pyrophosphate amidotransferase (NP_002694).
Positive control	WB: HepG2 and HCT116 whole cell lysates. IF: HeLa whole cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab125864 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
WB		1/500 - 1/3000. Predicted molecular weight: 57 kDa.
ICC/IF		1/100 - 1/1000.

Target

Tissue specificity

Ubiquitously expressed.

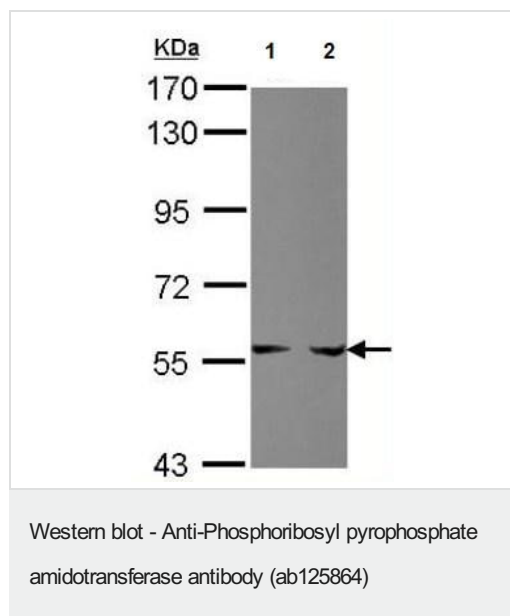
Pathway

Purine metabolism; IMP biosynthesis via de novo pathway; N(1)-(5-phospho-D-ribose)glycinamide from 5-phospho-alpha-D-ribose 1-diphosphate: step 1/2.

Sequence similarities

In the C-terminal section; belongs to the purine/pyrimidine phosphoribosyltransferase family. Contains 1 glutamine amidotransferase type-2 domain.

Images



All lanes : Anti-Phosphoribosyl pyrophosphate amidotransferase antibody (ab125864) at 1/1000 dilution

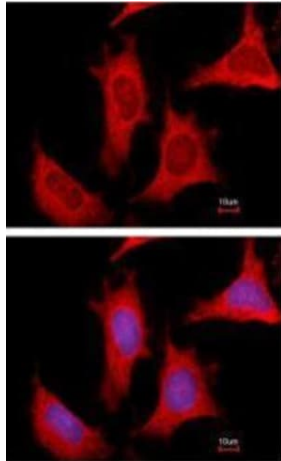
Lane 1 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate

Lane 2 : HCT 116 (human colorectal carcinoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 57 kDa

7.5% SDS PAGE



Immunofluorescence analysis of methanol-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate labeling Phosphoribosyl pyrophosphate amidotransferase with ab125864 at 1/500 dilution. Costained with Hoechst 33342 (Bottom panel).

Immunocytochemistry/ Immunofluorescence - Anti-Phosphoribosyl pyrophosphate amidotransferase antibody (ab125864)

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

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