

Anti-Pat1b antibody ab124257

2 References [2 图像](#)

概述

产品名称	Anti-Pat1b抗体
描述	兔多克隆抗体to Pat1b
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: Mouse, Rabbit, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan



免疫原	Synthetic peptide corresponding to Human Pat1b aa 425-475. Database link: NP_689929.2
阳性对照	HeLa, 293T and Jurkat whole cell lysate (ab7899)
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% Tris citrate/phosphate</p>
纯度	pH 7 to 8
克隆	Immunogen affinity purified
同种型	多克隆
	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab124257于以下的经测试应用

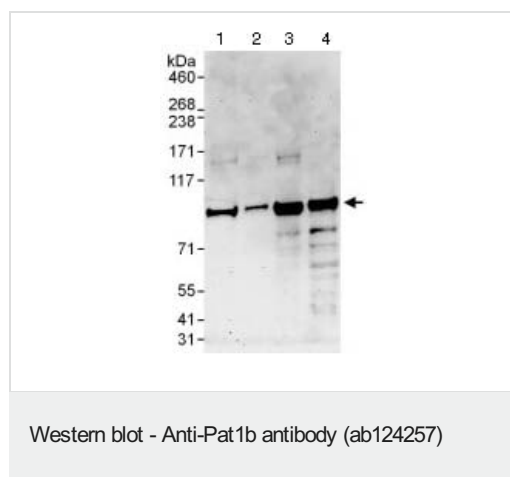
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Predicted molecular weight: 1 kDa.
IP		Use at 2-10 µg/mg of lysate.

靶标

功能	RNA-binding protein involved in deadenylation-dependent decapping of mRNAs, leading to the degradation of mRNAs. Acts as a scaffold protein that connects deadenylation and decapping machinery. Required for cytoplasmic mRNA processing body (P-body) assembly. In case of infection, required for translation and replication of hepatitis C virus (HCV).
组织特异性	Ubiquitous.
序列相似性	Belongs to the PAT1 family.
结构域	<p>The region A, also named N-term, mediates the interaction with DDX6/RCK and is required for cytoplasmic mRNA processing body assembly.</p> <p>The region C, also named Pat-C, is required for RNA-binding and mediates the binding with the Lsm-containing SMN-Sm protein complex and the decapping machinery. It folds into an alpha-alpha superhelix, exposing conserved and basic residues on one side of the domain.</p>
细胞定位	Cytoplasm > P-body.

图片



All lanes : Anti-Pat1b antibody (ab124257) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

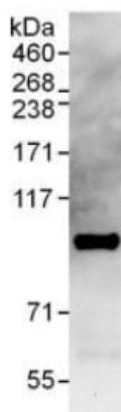
Lane 3 : 293T whole cell lysate at 50 µg

Lane 4 : Jurkat whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 1 kDa

Exposure time: 3 minutes



Immunoprecipitation - Anti-Pat1b antibody
(ab124257)

ab124257 at 1 µg/ml staining Pat1b in HeLa whole cell lysate immunoprecipitated using ab124257 at 6 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 30 seconds.

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