


Anti-PIMT antibody ab70559

2 图像

概述	
产品名称	Anti-PIMT抗体
描述	兔多克隆抗体to PIMT
宿主	Rabbit
经测试应用	适用于: IHC-P, IP
种属反应性	与反应: Human 预测可用于: Chimpanzee, Gorilla 
免疫原	Synthetic peptide corresponding a region between residue 150 and 200 of human PIMT (NP_079107.5).
阳性对照	HeLa and 293T whole cell lysates.
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	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab70559 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
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		Use at 2-10 µg/mg of lysate.

靶标

功能

Catalyzes the 2 serial methylation steps for the conversion of the 7-monomethylguanosine (m(7)G) caps of snRNAs and snoRNAs to a 2,2,7-trimethylguanosine (m(2,2,7)G) cap structure. The enzyme is specific for guanine, and N7 methylation must precede N2 methylation. Hypermethylation of the m7G cap of U snRNAs leads to their concentration in nuclear foci, their colocalization with coilin and the formation of canonical Cajal bodies (CBs). Plays a role in transcriptional regulation.

组织特异性

Ubiquitously expressed. High expression in heart, skeletal muscle, kidney, liver and placenta.

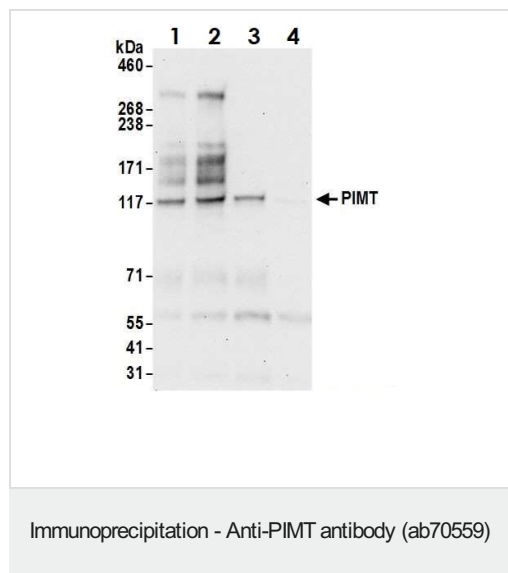
序列相似性

Belongs to the methyltransferase superfamily. Trimethylguanosine synthase family.

细胞定位

Cytoplasm. Nucleus > Cajal body. A 90 kDa isoform is found in the nucleus while a 55 kDa isoform is found in the cytoplasm and colocalizes with the tubulin network.

图片



PIMT was immunoprecipitated from HEK293T whole cell lysate (0.1 mg per IP reaction, 20% loaded) with ab70559 at 6 µg per reaction. Western blot was performed on the immunoprecipitate using ab70559 at 1 µg/mL.

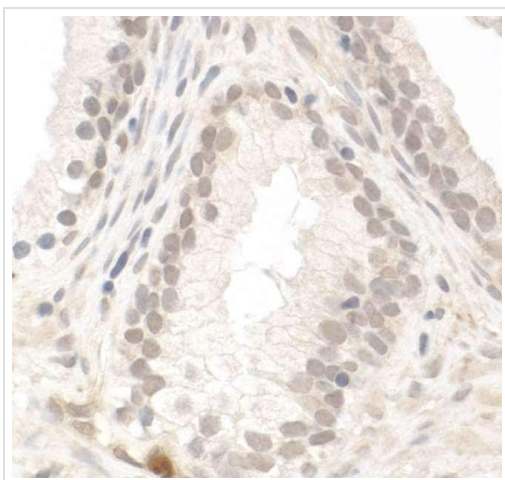
Lane 1: **ab70497** IP in HEK293T whole cell lysate.

Lane 2: **ab70497** IP in HEK293T whole cell lysate.

Lane 3: rabbit anti-PIMT antibody IP in HEK293T whole cell lysate.

Lane 4: Control IgG in HEK293T whole cell lysate.

Detection: Chemiluminescence with an exposure time of 30 seconds



Immunohistochemistry (Formalin-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling PIMT with ab70559 at 1/200 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PIMT antibody (ab70559)

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