


Anti-PIAS3 antibody ab58406

★★★★★ [1 Abreviews](#) [4 References](#) [2 图像](#)

概述

产品名称	Anti-PIAS3抗体
描述	兔多克隆抗体to PIAS3
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide derived from Internal of human PIAS3.
阳性对照	Human lung carcinoma tissue 293 cells treated with UV (5 mins)
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. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
纯度	Without Mg+2 and Ca+2
纯化说明	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™ 承诺保证使用ab58406于以下的经测试应用

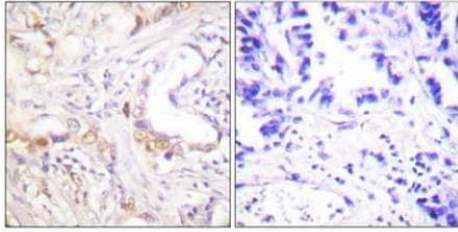
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 67 kDa (predicted molecular weight: 67 kDa).
IHC-P		Use at an assay dependent concentration.

靶标

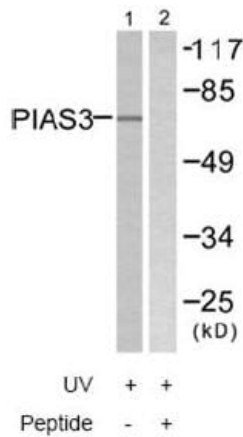
功能	Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway and the steroid hormone signaling pathway. Involved in regulating STAT3 signaling via inhibiting STAT3 DNA-binding and suppressing cell growth. Enhances the sumoylation of MTA1 and may participate in its paralog-selective sumoylation (PubMed:21965678, PubMed:9388184). Sumoylates CCAR2 which promotes its interaction with SIRT1 (PubMed:25406032). Diminishes the sumoylation of ZFH3 by preventing the colocalization of ZFH3 with SUMO1 in the nucleus (PubMed:24651376).
组织特异性	Widely expressed.
通路	Protein modification; protein sumoylation.
序列相似性	Belongs to the PIAS family. Contains 1 PINIT domain. Contains 1 SAP domain. Contains 1 SP-RING-type zinc finger.
结构域	The PINIT domain of PIAS3 is required for STAT3-PIAS3 interaction and for translocation to the nucleus. The LXXLL motif is a transcriptional coregulator signature.
翻译后修饰	Sumoylated.
细胞定位	Cytoplasm. Nucleus. Nucleus speckle. Colocalizes with MITF in the nucleus. Colocalizes with GFI1 in nuclear dots. Colocalizes with SUMO1 in nuclear granules.

图片



Peptide - +

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PIAS3 antibody (ab58406)



Western blot - Anti-PIAS3 antibody (ab58406)

All lanes : Anti-PIAS3 antibody (ab58406) at 1/500 dilution

Lane 1 : 293 cell extract treated with UV (5 min)

Lane 2 : 293 cell extract treated with UV (5 min) with peptide

Predicted band size: 67 kDa

Observed band size: 67 kDa

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

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