

Product datasheet

Anti-PTPN13 antibody [AC21] ab49446

2 References 1 图像

概述

产品名称	Anti-PTPN13抗体[AC21]
描述	小鼠单克隆抗体[AC21] to PTPN13
宿主	Mouse
特异性	Human PTPN13 protein.
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Prokaryotic recombinant fusion protein corresponding to N terminal amino acids 239-342 of Human PTPN13 (Fas-associated phosphatase 1).
阳性对照	Tonsil and normal human thyroid.
常规说明	Staining pattern is mainly cytoplasmic with occasional nuclear staining observed.

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 15mM Sodium Azide Constituents: Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	AC21
骨髓瘤	P3-NS1/1-Ag4-1
同种型	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab49446** in the following tested applications.

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

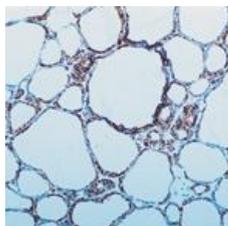
应用	Ab评论	说明
IHC-P		1/40 - 1/80. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Incubate with primary antibody for 60 minutes at 25°C.

靶标

相关性 PTPN13 is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP is a large protein that possesses a PTP domain at C-terminus, and multiple noncatalytic domains, which include a domain with similarity to band 4.1 superfamily of cytoskeletal associated proteins, a region consisting of five PDZ domains, and a leucine zipper motif. This PTP was found to interact with, and dephosphorylate Fas receptor, as well as I-kappa-B-alpha through the PDZ domains, which suggested its role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein, and thus may function as a regulator of Rho signaling pathway.

细胞定位 Cytoplasmic

图片



Immunohistochemical staining (Paraffin section) for PTPN13 (Fas-associated phosphatase 1) using ab49446 with normal Human thyroid as positive control. Note intense cytoplasmic staining of thyroid epithelial cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PTPN13 antibody [AC21] (ab49446)

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