

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.

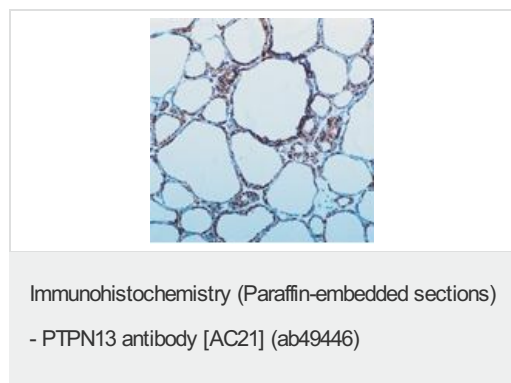
| 应用 | Ab评论 | 说明 |
|-------|------|---|
| IHC-P | | 1/40 - 1/80. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Incubate with primary antibody for 60 minutes at 25°C. |

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.

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