

Anti-ERAB antibody [5F3] ab10260

[6 References](#) [1 图像](#)

概述

| | |
|--------------|---|
| 产品名称 | Anti-ERAB抗体[5F3] |
| 描述 | 小鼠单克隆抗体[5F3] to ERAB |
| 宿主 | Mouse |
| 特异性 | This antibody detects the recombinant human ERAB protein (27kDa) and recognizes the endogenous ERAB protein in cell extracts with virtually no crossreactivity with other human proteins. |
| 经测试应用 | 适用于: IHC-P |
| 种属反应性 | 与反应: Human |
| 免疫原 | Recombinant, full-length Human ERAB protein (fusion protein). |
| 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 or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Constituent: PBS |
| | no BSA |
| 纯度 | Affinity purified |
| 纯化说明 | Ammonium sulfate precipitated and dialyzed tissue culture supernatant. |
| 克隆 | 单克隆 |
| 克隆编号 | 5F3 |
| 同种型 | IgG1 |

轻链类型

lambda

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab10260于以下的经测试应用

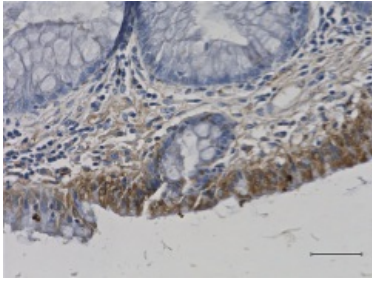
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|------|-----------------|
| IHC-P | | 1/100 - 1/1000. |

靶标

| | |
|--------------|--|
| 功能 | Functions in mitochondrial tRNA maturation. Part of mitochondrial ribonuclease P, an enzyme composed of MRPP1/RG9MTD1, MRPP2/HSD17B10 and MRPP3/KIAA0391, which cleaves tRNA molecules in their 5'-ends. By interacting with intracellular amyloid-beta, it may contribute to the neuronal dysfunction associated with Alzheimer disease (AD). |
| 组织特异性 | Expressed in normal tissues but is overexpressed in neurons affected in AD. |
| 疾病相关 | Defects in HSD17B10 are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD deficiency) [MIM:300438]. MHBD deficiency leads to neurological abnormalities, including psychomotor retardation, and, in virtually all patients, loss of mental and motor skills. Defects in HSD17B10 are the cause of mental retardation syndromic X-linked type 10 (MRXS10) [MIM:300220]. MRXS10 is characterized by mild mental retardation, choreoathetosis and abnormal behavior. A chromosomal microduplication involving HSD17B10 and HUWE1 is the cause of mental retardation X-linked type 17 (MRX17) [MIM:300705]; also known as mental retardation X-linked type 31 (MRX31). Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period. In contrast to syndromic or specific X-linked mental retardation which also present with associated physical, neurological and/or psychiatric manifestations, intellectual deficiency is the only primary symptom of non-syndromic X-linked mental retardation. |
| 序列相似性 | Belongs to the short-chain dehydrogenases/reductases (SDR) family. |
| 细胞定位 | Mitochondrion. |

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ERAB antibody [5F3] (ab10260)

IHC staining of purified ab10260 on formalin-fixed paraffin-embedded human colon tissue. The tissue was incubated with 10 µg/ml of the primary antibody for 60 minutes at room temperature. A HRP kit was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 µm

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

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