



Anti-Gremlin 1 antibody ab22138

8 References **1 图像**

概述

产品名称	Anti-Gremlin 1抗体
描述	兔多克隆抗体to Gremlin 1
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	<p>Synthetic peptide:</p> <p>QPGSRNRGRGQGRGTA</p> <p>, corresponding to amino acids 52-67 of Human DRM.</p> <p> Run BLAST with  Run BLAST with</p>
阳性对照	IHC: Human colon cancer tissue.
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	<p>pH: 7.4</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: PBS, 0.05% BSA</p>
纯度	Protein G purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab22138 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		Use at an assay dependent concentration.

靶标

功能

Cytokine that may play an important role during carcinogenesis and metanephric kidney organogenesis, as a BMP antagonist required for early limb outgrowth and patterning in maintaining the FGF4-SHH feedback loop. Down-regulates the BMP4 signaling in a dose-dependent manner. Acts as inhibitor of monocyte chemotaxis.

组织特异性

Highly expressed in small intestine, fetal brain and colon. Expression is restricted to intestinal subepithelial myofibroblasts (ISEMFs) at the crypt base. In subjects with HMPS1, by contrast, GREM1 is expressed, not only in basal ISEMFs, but also at very high levels in epithelial cells (predominantly colonocytes), with expression extending most of the way up the sides of the crypt. Weakly expressed in brain, ovary, prostate, pancreas and skeletal muscle. In brain found in the region localized around the internal capsule in the large subcortical nuclei, including caudate, putamen, substantia nigra, thalamus and subthalamus. Predominantly expressed in normal cells including neurons, astrocytes and fibroblasts.

疾病相关

Polyposis syndrome, mixed hereditary 1

序列相似性

Belongs to the DAN family.
Contains 1 CTCK (C-terminal cystine knot-like) domain.

细胞定位

Secreted.

图片



Detection of Gremlin 1 in human colon cancer tissue using ab22138 at 5 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Gremlin 1 antibody (ab22138)

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