abcam

Product datasheet

Anti-CHST3 antibody ab56606

1 图像

概述

产品名称	Anti-CHST3抗体
描述	小鼠单克隆抗体to CHST3
宿主	Mouse
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Recombinant fragment: VAFAGKYKTW KKWLDDEGQD GLREEEVQRL RGNCESIRLS AELGLRQPAW LRGRYMLVRY EDVARGPLQK AREMYRFAGI PLTPQVEDWI QKNTQAAHDG , corresponding to amino acids 312-412 of Human CHST3 Run BLAST with ExPASy Run BLAST with NCBI

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	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee Abpromise™承诺保证使用ab56606于以下的经测试应用

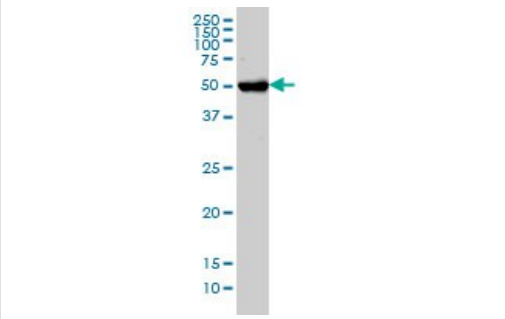
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 55 kDa.

靶标

功能	Catalyzes the transfer of sulfate to position 6 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Can also sulfate Gal residues of keratan sulfate, another glycosaminoglycan, and the Gal residues in sialyl N-acetyllactosamine (sialyl LacNAc) oligosaccharides. May play a role in the maintenance of naive T-lymphocytes in the spleen.
组织特异性	Widely expressed in adult tissues. Expressed in heart, placenta, skeletal muscle and pancreas. Also expressed in various immune tissues such as spleen, lymph node, thymus and appendix.
疾病相关	Defects in CHST3 are a cause of spondyloepiphyseal dysplasia with congenital joint dislocations (SEDC-JD) [MIM:143095]. A bone dysplasia clinically characterized by dislocation of the knees and/or hips at birth, clubfoot, elbow joint dysplasia with subluxation and limited extension, short stature, and progressive kyphosis developing in late childhood. The disorder is usually evident at birth, with short stature and multiple joint dislocations or subluxations that dominate the neonatal clinical and radiographic picture. During childhood, the dislocations improve, both spontaneously and with surgical treatment, and features of spondyloepiphyseal dysplasia become apparent, leading to arthritis of the hips and spine with intervertebral disk degeneration, rigid kyphoscoliosis, and trunk shortening by late childhood.
序列相似性	Belongs to the sulfotransferase 1 family. Gal/GlcNAc/GalNAc subfamily.
细胞定位	Golgi apparatus membrane.

图片



Western blot - Anti-CHST3 antibody (ab56606)

CHST3 antibody (ab56606) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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