

Product datasheet

Anti-ADAMTS17 antibody ab58099

2 References 1 图像

概述

产品名称	Anti-ADAMTS17抗体
描述	小鼠单克隆抗体to ADAMTS17
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment, corresponding to amino acids 543-651 of Human ADAMTS17

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	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab58099** 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
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 121 kDa.Can be blocked with Recombinant Human ADAMTS17 protein (ab153619) .
IHC-P		Use at an assay dependent concentration. PubMed: 19836009

靶标

组织特异性

Isoform 1 and isoform 2 are expressed at high levels in the lung, brain, whole eye and retina. Isoform 1 shows a weaker expression in the heart, kidney and skeletal muscle. Isoform 2 shows a weaker expression in the kidney, bone marrow and skeletal muscle. Isoform 1 and isoform 2 are expressed at high levels in the fetal heart, kidney, and whole eye, whereas a weak expression is seen in the fetal liver.

疾病相关

Defects in ADAMTS17 are the cause of Weill-Marchesani-like syndrome (WMLS) [MIM:613195]. It is a disorder characterized by many of the key features of Weill-Marchesani syndrome, including lenticular myopia, ectopia lentis, glaucoma, spherophakia and short stature. However, the characteristic brachydactyly or decreased joint flexibility of Weill-Marchesani syndrome are absent.

序列相似性

Contains 1 disintegrin domain.
Contains 1 peptidase M12B domain.
Contains 1 PLAC domain.
Contains 5 TSP type-1 domains.

结构域

The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.

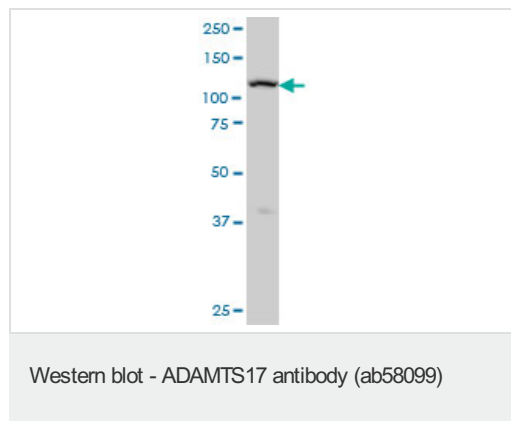
翻译后修饰

The precursor is cleaved by a furin endopeptidase.

细胞定位

Secreted > extracellular space > extracellular matrix.

图片



Predicted band size : 121 kDa

ADAMTS17 antibody (ab58099) at 1 ug/lane +
A-431 cell lysate at 25ug/lane.

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