# abcam

# Product datasheet

# Anti-SGSH/HSS antibody ab72617

1 References 1 图像

概述

产品名称 Anti-SGSH/HSS抗体

描述 小鼠多克隆抗体to SGSH/HSS

宿主 Mouse

适用于: WB 经测试应用

种属反应性 与反应: Human

免疫原 Recombinant full length protein within Human SGSH/HSS. The exact immunogen sequence used

> to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific

Support team to discuss your requirements.

Database link: NP\_000190.1

阳性对照 SGSH/HSS transfected 293T cell line

常规说明 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.

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

性能

形式

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 pH: 7.40

Constituent: PBS

1X PBS

ΙgG

纯度 Protein A purified

克隆 多克隆 同种型

## The Abpromise guarantee

#### Abpromise™承诺保证使用ab72617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 <b>明</b>
WB		1/500 - 1/1000. Predicted molecular weight: 57 kDa.

### 靶标

# 疾病相关

Defects in SGSH are the cause of mucopolysaccharidosis type 3A (MPS3A) [MIM:252900]; also known as Sanfilippo syndrome A. MPS3A is a severe form of mucopolysaccharidosis type 3, an autosomal recessive lysosomal storage disease due to impaired degradation of heparan sulfate. MPS3 is characterized by severe central nervous system degeneration, but only mild somatic disease. Onset of clinical features usually occurs between 2 and 6 years; severe neurologic degeneration occurs in most patients between 6 and 10 years of age, and death occurs typically during the second or third decade of life. MPS3A is characterized by earlier onset, rapid progression of symptoms and shorter survival.

#### 序列相似性

Belongs to the sulfatase family.

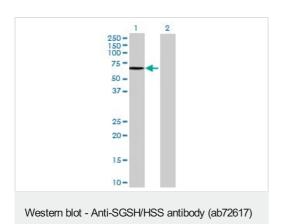
#### 翻译后修饰

The conversion to 3-oxoalanine (also known as C-formylglycine, FGly), of a serine or cysteine residue in prokaryotes and of a cysteine residue in eukaryotes, is critical for catalytic activity.

#### 细胞定位

Lysosome.

#### 图片



All lanes: Anti-SGSH/HSS antibody (ab72617) at 1/500 dilution

Lane 1: SGSH/HSS transfected 293T cell line

Lane 2: Non transfected 293T cell line

Lysates/proteins at 25 µg per lane.

#### Secondary

Lane 1 : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500

dilution

Lane 2: Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500

dilution

Developed using the ECL technique.

**Predicted band size:** 57 kDa **Observed band size:** 67 kDa Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <a href="https://www.abcam.cn/abpromise">https://www.abcam.cn/abpromise</a> or contact our technical team.

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