

Product datasheet

Anti-GGPS1 antibody ab56579

画像数 2

製品の概要

製品名	Anti-GGPS1 antibody
製品の詳細	Mouse monoclonal to GGPS1
アプリケーション	適用あり: WB, Flow Cyt
種交差性	交差種: Human
免疫原	Recombinant fragment: NKSFCEDLTE GKFSFPTIHA WSRPESTQV QNILRQRTE IDIKKYCVHY LEDVGSFEYT RNTLKELEAK AYKQIDARGG NPELVALVKH LSKMFKEENE , corresponding to amino acids 201-301 of Human GGPS1 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2b
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab56579** in the following tested applications.

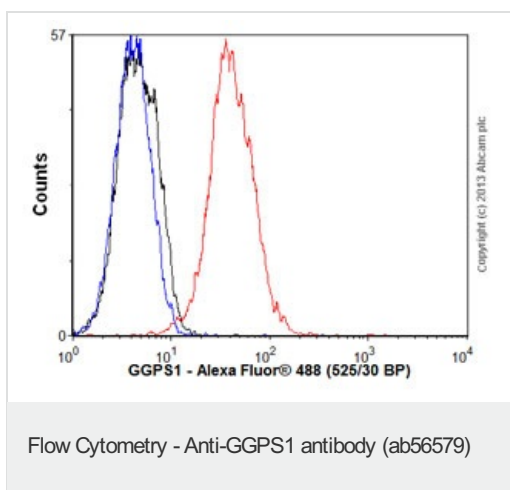
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 35 kDa.
Flow Cyt		Use 0.1µg for 10 <sup>6</sup> cells. <a href="#">ab170192</a> -Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

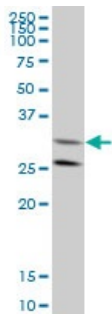
## ターゲット情報

機能	Catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins.
組織特異性	Abundantly expressed in testis. Found in other tissues to a lower extent.
パスウェイ	Isoprenoid biosynthesis; farnesyl diphosphate biosynthesis; farnesyl diphosphate from geranyl diphosphate and isopentenyl diphosphate: step 1/1. Isoprenoid biosynthesis; geranyl diphosphate biosynthesis; geranyl diphosphate from dimethylallyl diphosphate and isopentenyl diphosphate: step 1/1. Isoprenoid biosynthesis; geranylgeranyl diphosphate biosynthesis; geranylgeranyl diphosphate from farnesyl diphosphate and isopentenyl diphosphate: step 1/1.
配列類似性	Belongs to the FPP/GGPP synthase family.
細胞内局在	Cytoplasm.

## Anti-GGPS1 antibody 画像



Overlay histogram showing HepG2 cells stained with ab56579 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab56579, 0.1µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H+L) (ab150113) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2b [PLPV219] (ab91366, 1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Western blot - GGPS1 antibody (ab56579)

**Predicted band size : 35 kDa**

GGPS1 antibody (ab56579) at 1ug/lane +

HeLa cell lysate at 25ug/lane.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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