

Anti-OLA1 antibody ab51077

[3 References](#) [3 图像](#)

概述

产品名称	Anti-OLA1抗体
描述	兔多克隆抗体to OLA1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog 
免疫原	A region within synthetic peptide: QGLGNAFLSH ISACDGIFHL TRAFEDDDIT HVEGSVDPIR DIEIIHEELQ, corresponding to amino acids 104-153 of Human GTPBP9 Run BLAST with Expasy Run BLAST with NCBI
阳性对照	Jurkat cell lysate, Human intestine This antibody gave a positive result in IF in the following Formaldehyde/Methanol fixed cell line: HCT116

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab51077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。

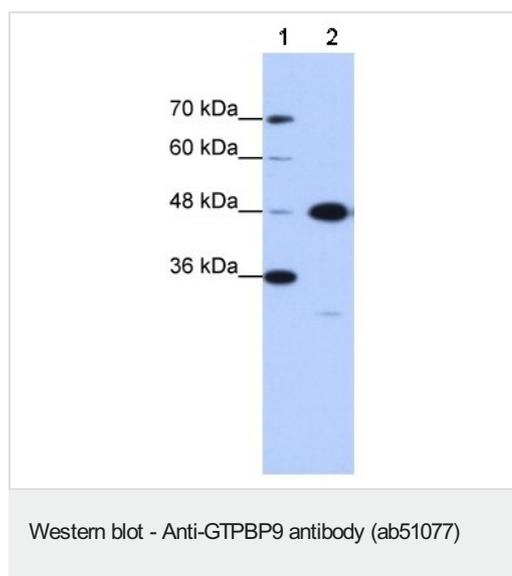
应用	Ab评论	说明

应用	Ab评论	说明
WB		Use a concentration of 0.25 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use a concentration of 4 - 8 µg/ml.
ICC/IF		Use a concentration of 5 µg/ml.

靶标

功能	Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. Has lower affinity for GTP.
序列相似性	Belongs to the GTP1/OBG family. Contains 1 G (guanine nucleotide-binding) domain.

图片



Lane 1 : Marker

Lane 2 : Anti-OLA1 antibody (ab51077) at 0.25 µg/ml

Lane 2 : Jurkat cell lysate at 10 µg/ml with skim milk/ PBS at 5 %

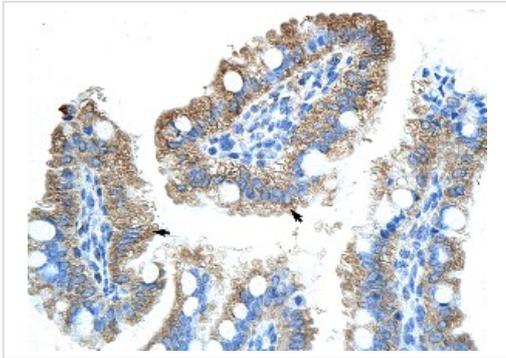
Secondary

Lane 2 : HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 45 kDa

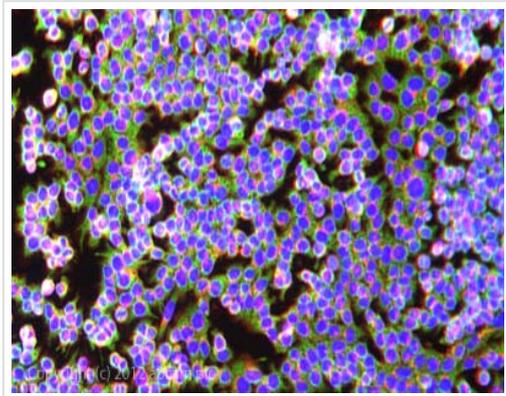
Observed band size: 45 kDa

Gel concentration: 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GTPBP9 antibody (ab51077)

ab51077 at 4.0 µg/ml staining epithelial cells of the intestinal villus from human intestine; paraffin embedded; magnification 400x.



Immunocytochemistry/ Immunofluorescence - Anti-GTPBP9 antibody (ab51077)

ab51077 stained HCT116 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab51077 at 5µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- rabbit (**ab96899**) IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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 <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors