

Product datasheet

Anti-GOLPH4 antibody ab28049

★★★★☆ 3 Abreviews 12 References 2 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-GOLPH4 antibody |
| Description | Rabbit polyclonal to GOLPH4 |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-Fr, WB, ICC/IF |
| Species reactivity | Reacts with: Mouse, Rat, Rabbit, Human, Monkey |
| Immunogen | Recombinant GOLPH4 fusion protein |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Preservative: None Constituents: Whole serum |
| Purity | Whole antiserum |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab28049** in the following tested applications.

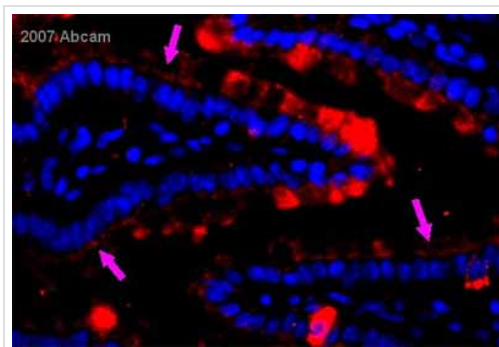
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-Fr | ★★★★☆ | 1/1000. |
| WB | | 1/500. Predicted molecular weight: 130 kDa. |
| ICC/IF | ★★★★☆ | 1/400. |

Target

| | |
|---|--|
| Function | Plays a role in endosome to Golgi protein trafficking; mediates protein transport along the late endosome-bypass pathway from the early endosome to the Golgi. |
| Sequence similarities | Belongs to the GOLIM4 family. |
| Post-translational modifications | Phosphorylated probably by c-AMP-dependent kinases in its luminal part. O-glycosylated; modified by sialic acid residues. N-glycosylated; N-glycans are probably of the complex type and modified by sialic acid residues. |
| Cellular localization | Golgi apparatus > Golgi stack membrane. Endosome membrane. Localizes to cis and medial Golgi cisternae. Probably cycles between early Golgi and distal compartments like endosome. |

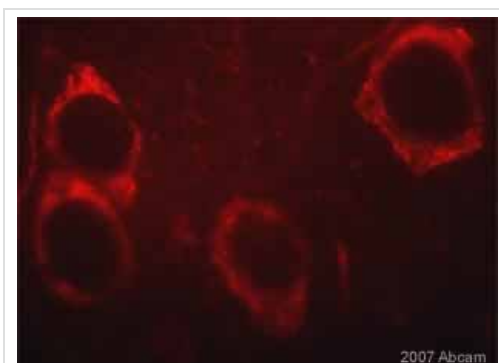
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GOLPH4 antibody (ab28049)

This image is courtesy of an anonymous Abreview

ab28049 staining mouse intestinal tissue sections by IHC-P. Sections were PFA fixed and subjected to heat mediated antigen retrieval by microwaving in boiling water for 15 minutes prior to permeabilization for 15 min in 0.2% PBST and blocking with 20% goat serum for 30 minutes at RT. The primary antibody was diluted 1/400 and incubated with the sample for 15 hours at 4°C. An Alexa Fluor® 488 conjugated goat anti-rabbit antibody was used as the secondary. Specific staining can be seen in the perinuclear region of the enterocytes (red). Nuclei were counterstained with PI (blue).



Immunohistochemistry (Frozen sections) - Anti-GOLPH4 antibody (ab28049)

This image is courtesy of an Abreview submitted by Dr Guillermo Estivill-Torres

ab28049 staining mouse cortical oligodendrocytes from vibratome sections by IHC-Fr. Sections were fixed in Somogyi (PFA + glutaraldehyde + picric acid) or PLP (Periodate-lysine-PFA) and permeabilized in TX-100, prior to blocking with 2.5% serum for 2 hours at 25°C. The primary antibody was diluted 1/1000 and incubated with the sample for 18 hours. A TRITC conjugated goat anti-rabbit IgG antibody was used as the secondary.

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