

## Product datasheet

# Anti-GOLPH4 antibody ab28049

★★★★☆ 3 Abreviews 12 References 1 Image

### Overview

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

### Properties

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

### Applications

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

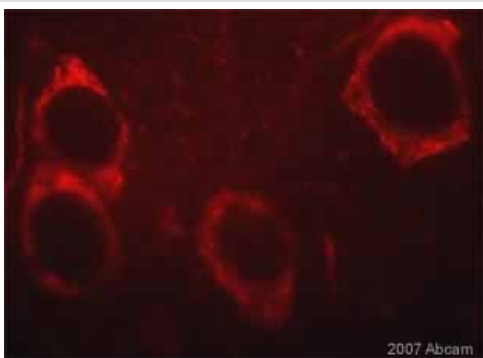
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the GOLIM4 family.
<b>Post-translational modifications</b>	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.
<b>Cellular localization</b>	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 (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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