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Datasheet for ABIN1695107

anti-GOLPH3 antibody (AA 51-150) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	GOLPH3
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOLPH3 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GOLPH3
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	GOLPH3
Alternative Name:	GOLPH3 (GOLPH3 Products)

Target Details

Background:	<p>Synonyms: Coat protein, Coat protein GPP34, FLJ90675, Golgi associated protein, Golgi peripheral membrane protein 1, 34 kDa, Golgi phosphoprotein 3 coat protein, Golgi phosphoprotein 3, Golgi protein, GOLP3_HUMAN, Golph3, GOPP1, GPP34, MIDAS, Mitochondrial DNA absence factor.</p> <p>Background: The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. GOLPH3L (golgi phosphoprotein 3-like), also known as GPP34R, is a 285 amino acid cytoplasmic protein that localizes to the Golgi apparatus. Belonging to the GOLPH3/VPS74 family, GOLPH3L may have a regulatory role in Golgi trafficking. GOLPH3L is encoded by a gene located on human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8 % of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.</p>
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Gene ID:	64083
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months