

Immunotag™ GOLPH3 Antibody

Antibody Specification	
Catalog No.	ITA2753
Product Description	Immunotag™ GOLPH3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GOLPH3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human GOLPH3.
Specificity	GOLPH3 antibody detects endogenous levels of GOLPH3.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GOLPH3
Accession No.	Q9H4A6
Alternate Names	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;

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Description	Phosphatidylinositol-4-phosphate-binding protein that links Golgi membranes to the cytoskeleton and may participate in the tensile force required for vesicle budding from the Golgi. Thereby, may play a role in Golgi membrane trafficking and could indirectly give its flattened shape to the Golgi apparatus. May also bind to the coatomer to regulate Golgi membrane trafficking. May play a role in anterograde transport from the Golgi to the plasma membrane and regulate secretion. Has also been involved in the control of the localization of Golgi enzymes through interaction with their cytoplasmic part. May play an indirect role in cell migration. Has also been involved in the modulation of mTOR signaling. May also be involved in the regulation of mitochondrial lipids biosynthesis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	34 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.