

Datasheet for ABIN6719570
anti-GOLPH3 antibody (AA 56-298)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GOLPH3
Binding Specificity:	AA 56-298
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOLPH3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-GOLPH3 Antibody Picoband®
Immunogen:	E. coli-derived human GOLPH3 recombinant protein (Position: K56-K298).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-GOLPH3 Antibody Picoband® (ABIN6719570). Tested in ELISA, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	GOLPH3
Alternative Name:	GOLPH3 (GOLPH3 Products)
Background:	Synonyms: Golgi phosphoprotein 3, Coat protein GPP34, Mitochondrial DNA absence factor, MIDAS, GOLPH3, GPP34 Tissue Specificity: Detected in muscle fibers of patients with mitochondrial diseases, not detected in normal muscle fibers. Background: Golgi phosphoprotein 3 (GOLPH3) is a human protein encoded by GOLPH3 gene. It is mapped to 5p13.3. The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a peripheral membrane protein of the Golgi stack and may have a regulatory role in Golgi trafficking. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.
Molecular Weight:	36 kDa
Gene ID:	64083
UniProt:	Q9H4A6

Application Details

Application Notes:	Western blot, 0.1-0.5 µg/mL Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL Immunocytochemistry/Immunofluorescence, 5 µg/mL ELISA, 0.1-0.5 µg/mL 1. Bell, A. W., Ward, M. A., Blackstock, W. P., Freeman, H. N. M., Choudhary, J. S., Lewis, A. P., Chotai, D., Fazel, A., Gushue, J. N., Paiement, J., Palcy, S., Chevet, E., Lafreniere-Roula, M., Solari, R., Thomas, D. Y., Rowley, A., Bergeron, J. J. M. Proteomics characterization of abundant Golgi membrane proteins. J. Biol. Chem. 276: 5152-5165, 2001. 2. Ng, M. M., Dippold, H. C., Buschman, M. D., Noakes, C. J., Field, S. J. GOLPH3L antagonizes GOLPH3 to determine Golgi morphology. Molec. Biol. Cell 24: 796-808, 2013.
Comment:	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.