

Datasheet for ABIN4910185

anti-GOLPH3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	GOLPH3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GOLPH3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified His-tagged GOLPH3 protein was used to produced this monoclonal antibody.
Clone:	9A1
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	GOLPH3
Alternative Name:	GOLPH3 (GOLPH3 Products)

Target Details

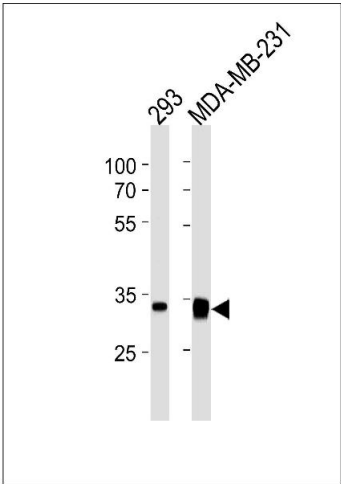
Background:	Synonyms: GOPP1, GPP34, MIDAS, Vps74, Golgi phosphoprotein 3, Coat protein GPP34, Mitochondrial DNA absence factor, GOLPH3 Background: Phosphatidylinositol-4-phosphate-binding protein that links Golgi membranes to the cytoskeleton and may participate in the tensile force required for vesicle 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.
Gene ID:	64083
UniProt:	Q9H4A6

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



Western Blotting

Image 1. Lane 1: 293 lysates, Lane 2: MDA-MB-231 Cell lysates, probed with GOLPH3 (905CT9.1.1) Monoclonal Antibody, unconjugated (bsm-51236M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.