

## Datasheet for ABIN7116180 **anti-MIA3 antibody**

[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	MIA3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Immunogen:	melanoma inhibitory activity family, member 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	MIA3
Alternative Name:	MIA3 ( <a href="#">MIA3 Products</a> )
Background:	Synonyms: KIAA0268, TANGO, TANGO1 Background: Plays a role in the transport of cargos that are too large to fit into COPII-coated vesicles and require specific mechanisms to be incorporated into membrane-bound carriers and exported from the endoplasmic reticulum. This protein is required for collagen VII(COL7A1) secretion by loading COL7A1 into transport

## Target Details

carriers. It may participate in cargo loading of COL7A1 at endoplasmic reticulum exit sites by binding to COPII coat subunits Sec23/24 and guiding SH3-bound COL7A1 into a growing carrier. Does not play a role in global protein secretion and is apparently specific to COL7A1 cargo loading. However, it may participate in secretion of other proteins in cells that do not secrete COL7A1. It is also specifically required for the secretion of lipoproteins by participating in their export from the endoplasmic reticulum(PubMed:27138255).

Molecular Weight:	250 kDa
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Gene ID:	375056
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UniProt:	<a href="#">Q5JRA6</a>
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## Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
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Expiry Date:	12 months
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