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Datasheet for ABIN6263247
anti-MIA3 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	MIA3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human MIA3, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	MIA3 Antibody detects endogenous levels of total MIA3.
Predicted Reactivity:	Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	MIA3
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Target Details

Alternative Name: MIA3 ([MIA3 Products](#))

Background: Description: 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 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).

Gene: MIA3

Molecular Weight: 214kDa

Gene ID: 375056

UniProt: [Q5JRA6](#)

Application Details

Application Notes: WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

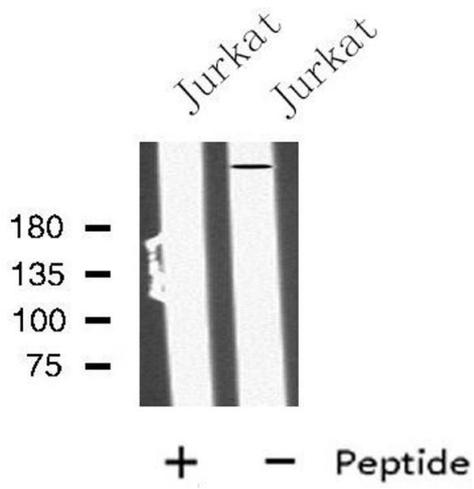
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of MIA3 using Jurkat whole cell lysates