

Datasheet for ABIN2855189  
**anti-MIA3 antibody (N-Term)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	MIA3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human MIA3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Cow (Bovine)
Cross-Reactivity (Details):	Bovine (89 %)
Characteristics:	Rabbit Polyclonal antibody to MIA3 (melanoma inhibitory activity family, member 3) MIA3 antibody [N1], N-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

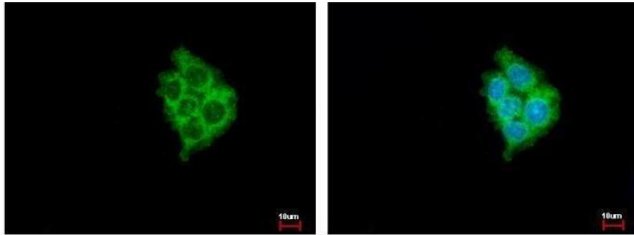
Target:	MIA3
Alternative Name:	MIA3 ( <a href="#">MIA3 Products</a> )
Background:	<p>Required for collagen VII (COL7A1) secretion by loading COL7A1 into transport carriers. May participate in cargo loading of COL7A1 at endoplasmic reticulum exit sites by binding to COPII coat subunits Sec23/24 and guiding 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.</p> <p>Cellular Localization: Endoplasmic reticulum membrane, Single-pass type I membrane protein</p>
Molecular Weight:	214 kDa
Gene ID:	375056

## Application Details

Application Notes:	<p>Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 10 µg/mL* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)10 µg/mL* Western blot1:500-1:3000*</p>
Comment:	Positive Control: A549 , HepG2
Restrictions:	For Research Use only

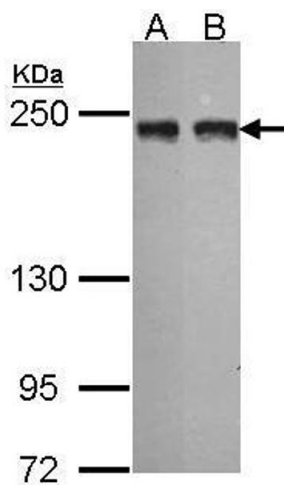
## Handling

Format:	Liquid
Concentration:	0.30 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



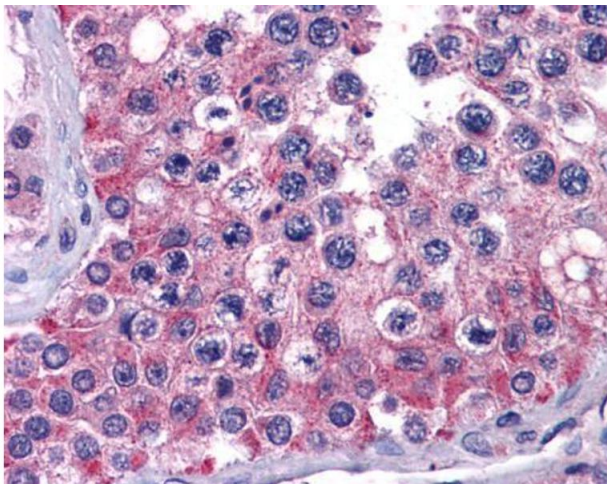
### Immunofluorescence

**Image 1.** ICC/IF Image MIA3 antibody [N1], N-term detects MIA3 protein at Cytoplasm by immunofluorescent analysis. Sample: HepG2 cells were fixed in  $-20^{\circ}\text{C}$  100% MeOH for 5 min. Green: MIA3 protein stained by MIA3 antibody [N1], N-term, diluted at 1:500. Blue: Hoechst 33343 staining.



### Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate)



### Immunohistochemistry

**Image 3.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human testis, using MIA3, antibody (10  $\mu\text{g/ml}$ ).