

Datasheet for ABIN652440  
**anti-Importin 9 antibody (AA 339-367)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	Importin 9 (IPO9)
Binding Specificity:	AA 339-367
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Importin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This RANBP9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 339-367 amino acids from the Central region of human RANBP9.
Clone:	RB19813
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Importin 9 (IPO9)
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## Target Details

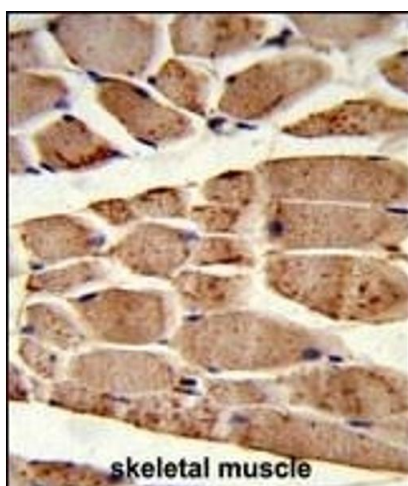
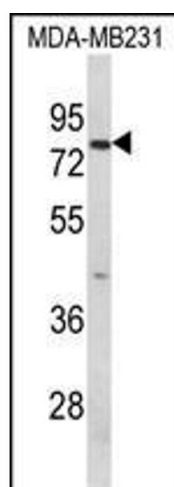
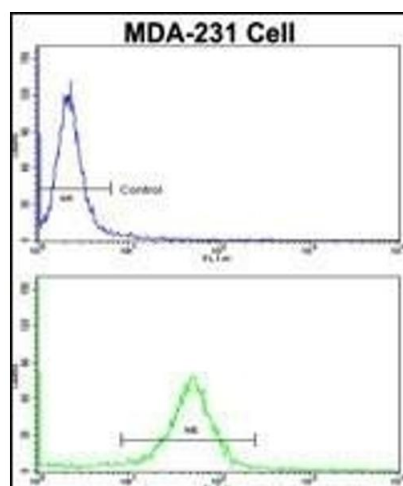
Alternative Name:	RANBP9 ( <a href="#">IPO9 Products</a> )
Background:	RANBP9 is a protein that binds RAN, a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The protein has also been shown to interact with several other proteins, including met proto-oncogene, homeodomain interacting protein kinase 2, androgen receptor, and cyclin-dependent kinase 11.
Molecular Weight:	77847
Gene ID:	10048
NCBI Accession:	<a href="#">NP_005484</a>
UniProt:	<a href="#">Q96S59</a>
Pathways:	<a href="#">Protein targeting to Nucleus</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** Flow cytometric analysis of MDA-231 cells using RANBP9 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of RANBP9 Antibody (Center) (ABIN652440 and ABIN2842299) in MDA-M cell line lysates (35 µg/lane). RANBP9 (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human skeletal muscle reacted with RANBP9 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.