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Datasheet for ABIN7451267

**anti-Importin 11 antibody (AA 825-875)**

## Overview

Quantity:	100 µg
Target:	Importin 11 (IPO11)
Binding Specificity:	AA 825-875
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Importin 11 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

## Product Details

Purpose:	Rabbit anti-Importin 11/IPO11 Antibody, Affinity Purified
Immunogen:	Between AA 825 and 875
Isotype:	IgG
Purification:	Affinity Purified

## Target Details

Target:	Importin 11 (IPO11)
Alternative Name:	Importin 11/IPO11 ( <a href="#">IPO11 Products</a> )
Background:	Background: Importin 11 functions in nuclear protein import as nuclear transport receptor. It serves as receptor for nuclear localization signals (NLS) in cargo substrates, and is thought to

## Target Details

mediate docking of the importin/substrate complex to the nuclear pore complex (NPC) through binding to nucleoporin and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to the importin, the importin/substrate complex dissociates and importin is re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus (By similarity). Importin 11/IPO11 mediates the nuclear import of UBE2E3, and of RPL12 (By similarity) [taken from the Universal Protein Resource (UniProt) Q9UI26].

Gene ID: 51194

UniProt: [Q9UI26](#)

Pathways: [Protein targeting to Nucleus](#)

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate  
WB: Not recommended. Use rabbit anti-Importin 11/IPO11 antibody ABIN7450360.

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months