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## Datasheet for ABIN7452835 anti-Exportin 7 antibody (AA 1-50)



Overview

Quantity:	100 µg
Target:	Exportin 7 (XPO7)
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Exportin 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Purpose:	Rabbit anti-RanBP16 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
lsotype:	lgG
Predicted Reactivity:	Chicken, Orangutan
Purification:	Affinity Purified

## Target Details

Target:	Exportin 7 (XP07)
Alternative Name:	RanBP16 (XP07 Products)
Background:	Background: RanBP16 mediates the nuclear export of proteins (cargos) with broad substrate

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	specificity. In the nucleus binds cooperatively to its cargo and to the GTPase Ran in its active GTP-bound form. Docking of this trimeric complex to the nuclear pore complex (NPC) is mediated through binding to nucleoporins. Upon transit of a nuclear export complex into the cytoplasm, disassembling of the complex and hydrolysis of Ran-GTP to Ran-GDP (induced by RANBP1 and RANGAP1, respectively) cause release of the cargo from the export receptor. RanBP16 then return to the nuclear compartment and mediate another round of transport. The directionality of nuclear export is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus. [taken from the Universal Protein Resource (UniProt) Q9UIA9].
Gene ID:	23039
UniProt:	Q9UIA9
Application Details	
Application Notes:	IP: 50-100 µL/mg lysate
	WB: 1:10,000 - 1:25,000
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