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Datasheet for ABIN7156143 anti-IPO13 antibody (AA 501-700) (Biotin)



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Quantity:	100 µg
Target:	IP013
Binding Specificity:	AA 501-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IP013 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Importin-13 protein (501-700AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IP013
Alternative Name:	IP013 (IP013 Products)
Background:	Background: Functions in nuclear protein import as nuclear transport receptor. Serves as
	receptor for nuclear localization signals (NLS) in cargo substrates. Is thought to mediate

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	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. Mediates the nuclear import of UBC9, the
	RBM8A/MAGOH complex, PAX6 and probably other members of the paired homeobox family.
	Also mediates nuclear export of eIF-1A, and the cytoplasmic release of eIF-1A is triggered by
	the loading of import substrates onto IP013.
	Aliases: Imp 13 antibody, Imp13 antibody, Importin-13 antibody, Importin13 antibody, IPO 13
	antibody, Ipo13 antibody, IPO13_HUMAN antibody, Kap 13 antibody, Kap13 antibody,
	Karyopherin 13 antibody, Karyopherin-13 antibody, Karyopherin13 antibody, KIAA0274 antibody,
	Late gestation lung 2 antibody, Late gestation lung 2 protein antibody, Lgl2 antibody, Ran
	binding protein 13 antibody, Ran-binding protein 13 antibody, RanBP 13 antibody, RanBP13
	antibody
UniProt:	094829

Pathways:Intracellular Steroid Hormone Receptor Signaling Pathway, Nuclear Hormone Receptor Binding,Protein targeting to Nucleus

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

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Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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