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Datasheet for ABIN7156144

# anti-IPO13 antibody (AA 501-700) (FITC)

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Quantity:	100 μg
Target:	IP013
Binding Specificity:	AA 501-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IPO13 antibody is conjugated to FITC
Application:	Please inquire

#### **Product Details**

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

### Target Details

Target:	IP013
Alternative Name:	IPO13 (IPO13 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

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 IPO13.

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, Ranbinding protein 13 antibody

UniProt:

094829

Pathways:

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

#### **Application Details**

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