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Datasheet for ABIN7237258 anti-Importin 4 antibody

3 Images



Overview

Quantity:	200 µL
Target:	Importin 4 (IPO4)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Importin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant protein of human IPO4
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

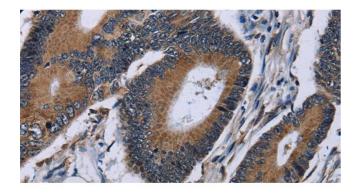
Target Details

Target:	Importin 4 (IPO4)
Alternative Name:	IPO4 (IPO4 Products)
Background:	Importin-4is aproteinthat in humans is encoded by theIPO4gene. 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

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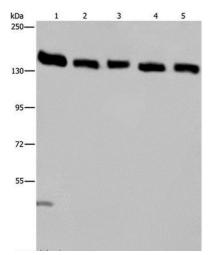
Target Details

	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.
Molecular Weight:	119 kDa
UniProt:	Q8TEX9
Pathways:	Protein targeting to Nucleus
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



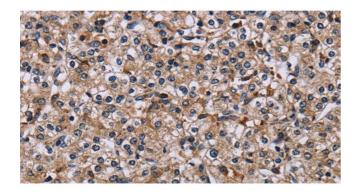
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human colon cancer using IPO4 Polyclonal Antibody at dilution of 1:50



Western Blotting

Image 2. Western Blot analysis of Hela cell and Human testis tissue, A549, Jurkat and K562 cell using IPO4 Polyclonal Antibody at dilution of 1:550



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human prostate cancer using IPO4 Polyclonal Antibody at dilution of 1:50

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