IPO4 Polyclonal Antibody

catalog number: E-AB-11331

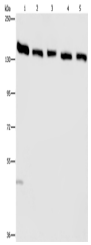
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein of human IPO4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

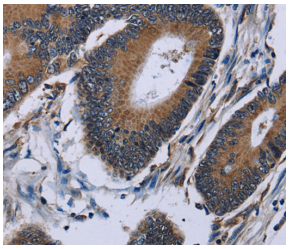
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data

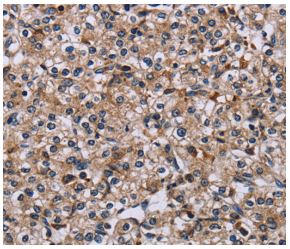


Western Blot analysis of Hela cell and Human testis tissue, A549, Jurkat and K562 cell using IPO4 Polyclonal Antibody at dilution of 1:550

Calculated-MW:119 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Web:www.elabscience.com
Tel: 1-832-243-6086
Email:techsupport@elabscience.com
Fax: 1-832-243-6017

Importin-4 is a protein that in humans is encoded by the IPO4 gene.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.

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