# IPO4 Polyclonal Antibody

**catalog number:** **E-AB-11331**

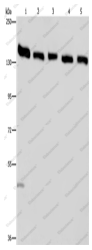
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

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

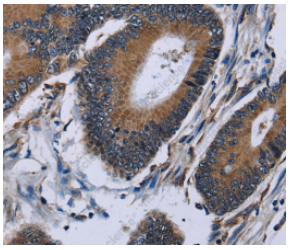
| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:200 |

## Data

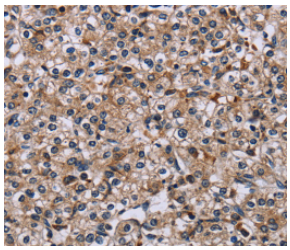


Western Blot analysis of Hela cell and Human testis tissue, A549, Jurkat and K562 cell using IPO4 Polyclonal Antibody at dilution of 1:550

**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
Tel: 1-832-243-6086
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Web: www.elabscience.com
Email: techsupport@elabscience.com

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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