

Anti-IPO4 antibody

Cat. No.	ml222548
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-IPO4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human IPO4
Reactivity	Human, Mouse
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IPO4
Full name	importin 4

Synonyms Imp4

Swissprot Q8TEX9

Target Background

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.

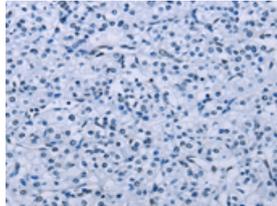
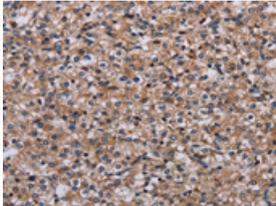
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 50-200

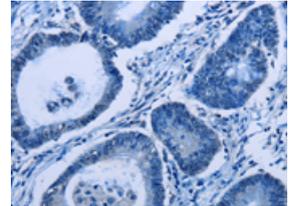
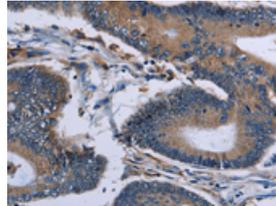


The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml222548(IPO4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml222548(IPO4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 119 kDa

Positive control: A549 cells and human testis tissue

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

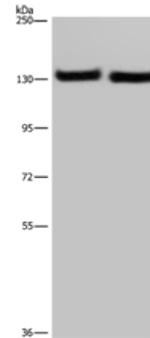
Lysate: 40 μ g

Lane 1-2: A549 cells, human testis tissue

Primary antibody: ml222548(IPO4 Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-5000

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