

## Anti-IPO9 antibody

<b>Cat. No.</b>	ml261793
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-IPO9 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human IPO9
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	IPO9
<b>Full name</b>	importin 9

<b>Synonyms</b>	Imp9
<b>Swissprot</b>	Q96P70

### **Target Background**

Importin-9, also known as Imp9 or IPO9, is a 1,041 amino acid protein that contains one importin N-terminal domain and belongs to the Importin- $\beta$  family. Localized to both the nucleus and the cytoplasm, Importin-9 functions as a nuclear transport receptor that mediates the docking of the Importin complex to the nuclear pore complex (NPC). Importin-9 mediates nuclear import of H2B histone, Ribosomal Protein S7 and Ribosomal Protein L18A. The gene encoding Importin-9 is located on human chromosome 1, the largest human chromosome that spans about 260 million base pairs and makes up 8% of the human genome.

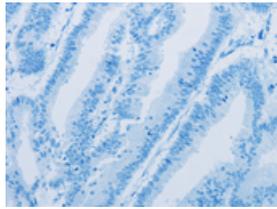
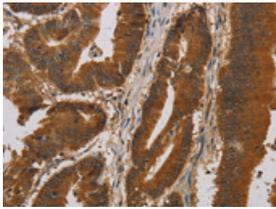
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 50-200

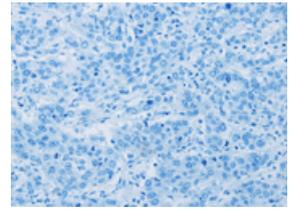
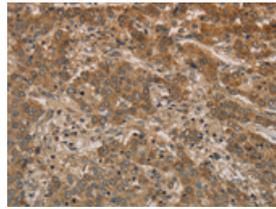


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml261793(IPO9 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261793(IPO9 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 116 kDa

Positive control: Human fetal brain tissue and Hela cells

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

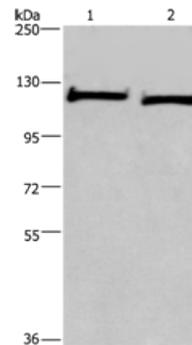
Lysate: 40  $\mu$ g

Lane 1-2: Human fetal brain tissue, HeLa cells

Primary antibody: ml261793(IPO9 Antibody) at dilution 1/200

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

Exposure time: 1 minute



#### ELISA

Recommended dilution: 1000-2000

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