

## 11-8012: Polyclonal Antibody to Importin-9

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IHC,WB
<b>Reactivity :</b>	Mouse,Human
<b>Gene :</b>	IPO9
<b>Gene ID :</b>	55705
<b>Uniprot ID :</b>	Q96P70
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IPO9,IMP9,KIAA1192,RANBP9,HSPC273
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant Importin-9 protein (amino acids 740-1,041) was used as the immunogen for this antibody.

### Description

Importin-9 is a member of the Importin family of proteins that serves as a receptor for nuclear transport by identifying nuclear localization sequence (NLS) in proteins. It serves as receptor for nuclear localization signals (NLS) and 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. Importin-9 has ubiquitous expression. Importins have been predicted to bind with H2A, H3, H4 histones.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 0.25-1.0 µg/ml, Immunohistochemical analysis: 5 µg/ml

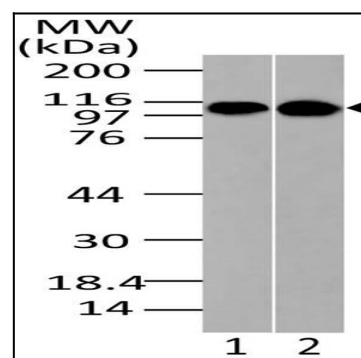


Fig-1: Western blot analysis of Importin-9. Anti- Importin-9 antibody (11-8012) was used at 0.25 µg/ml on 1) 293 and 2) 3T3 lysates.

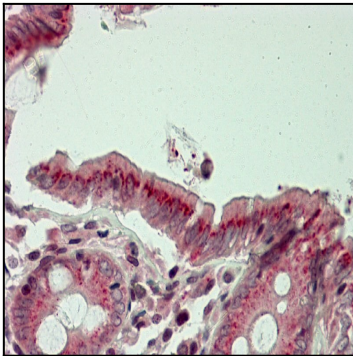


Fig-2: Immunohistochemical analysis of Importin-9. Anti-Importin-9 antibody (11-8012) in human Colon tissue at 5  $\mu$ g/ml.

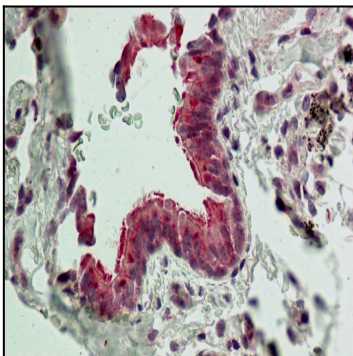


Fig-3: Immunohistochemical analysis of Importin-9. Anti-Importin-9 antibody (11-8012) in human Lung, Respiratory Epithelium tissue at 5  $\mu$ g/ml.