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11-8012: Polyclonal Antibody to Importin-9

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

Description

Improtin-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

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	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.
Storage condition :	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

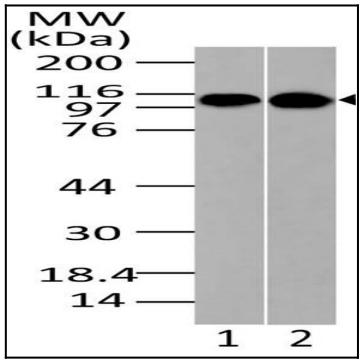

Fig-1: Western blot analysis of Importin-9. Anti- Importin-9 antibody (11-8012) was used at 0.25 µg/ml on 1) 293 and 2) 3T3 lysates.

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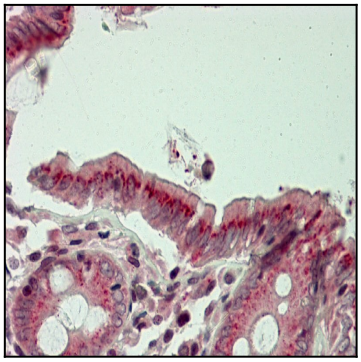

Fig-2: Immunohistochemical analysis of Importin-9. Anti-Importin-9 antibody (11-8012) in human Colon tissue at 5 µg/ml.

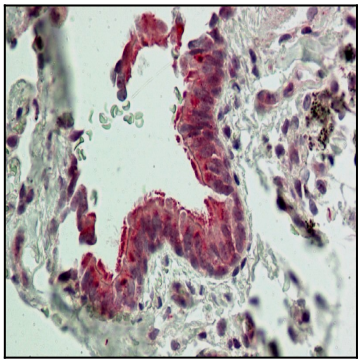

Fig-3: Immunohistochemical analysis of Importin-9. Anti-Importin-9 antibody (11-8012) in human Lung, Respiratory Epithelium tissue at 5 µg/ml.