



IPO9 Polyclonal Antibody

Catalog No	YP-Ab-05678
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	IPO9 IMP9 KIAA1192 RANBP9 HSPC273
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	IPO9 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RanBP7;Ran-binding protein M;Ran-binding protein 9;BPM-L;BPM90;IPO9; IPO9 IMP9 KIAA1192 RANBP9 HSPC273;Importin-9 (Imp9) (Ran-binding protein 9) (RanBP9)
Observed Band	80-90 kDa
Calculated Molecular Weight	388aa,43 kDa; 729aa,78 kDa
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Amygdala,B-cell lymphoma,Brain,Placenta,Umbilical cord blood,
Function	function: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. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus (By similarity). Mediates the nuclear import of H2B histone (By similarity), RPS7 and



RPL18A. Prevents the cytoplasmic aggregation of

Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images