

## IPO7 Antibody (N-term)

Catalog_no :	AB2299
Reactivity :	H, M
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:142-169
Specificity :	This IPO7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 142-169 amino acids from the N-terminal region of human IPO7.
Dilution :	WB,1:1000;WB,1:1000;WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Importin-7, Imp7, Ran-binding protein 7, RanBP7, IPO7, RANBP7
Isotype :	Rabbit Ig
Background :	The importin-alpha/beta complex and the GTPase Ran mediate nuclear import of proteins with a classical nuclear localization signal. The protein encoded by this gene is a member of a class of approximately 20 potential Ran targets that share a sequence motif related to the Ran-binding site of importin-beta. Similar to importin-beta, this protein prevents the activation of Ran's GTPase by RanGAP1 and inhibits nucleotide exchange on RanGTP, and also binds directly to nuclear pore complexes where it competes for binding sites with importin-beta and transportin. This protein has a Ran-dependent transport cycle and it can cross the nuclear envelope rapidly and in both directions. At least four importin beta-like transport receptors, namely importin beta itself, transportin, RanBP5 and RanBP7, directly bind and import ribosomal proteins.
reference :	Huang, S., et al. Biosci. Rep. 30(3):159-168(2010) Chachami, G., et al. Biochem. Biophys. Res. Commun. 390(2):235-240(2009) Adeyemo, A., et al. PLoS Genet. 5 (7), E1000564 (2009) : Zaitseva, L., et al. Retrovirology 6, 11 (2009) : Yao, X., et al. J.