

Rabbit Importin 7 Polyclonal Antibody | anti-IPO7 antibody

Importin 7 antibody

CATALOG # AAA107913	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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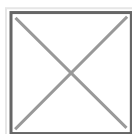
PRODUCT SYNONYMS

Importin 7; Polyclonal Antibody; Importin 7 antibody; Polyclonal Importin 7; Anti-Importin 7; importin-7; IPO7; RANBP7; importin 7; RAN-binding protein 7; FLJ14581; MGC138673; Importin -7; Imp7; anti-IPO7 antibody

PRODUCT SPECIFICATIONS

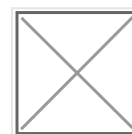
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Importin 7 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1038
Applicable Applications for anti-IPO7 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	Importin 7 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 976 and 1038 of Importin 7
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Huh7 xenograft using Importin 7 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: JurKat) using a 7.5 % SDS PAGE gel and Importin 7 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Importin 7 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-IPO7 antibody	Affinity purified Rabbit polyclonal Importin 7 antibody
Product Categories/Family for anti-IPO7 antibody	Signal Transduction ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	92097602
NCBI GeneID	10527
UniProt Accession #	O95373 ; Q1RMF7 ; Q9H177 ; Q9NTE3 ; A6NNM5 ; B2R786
Molecular Weight	120 kDa
NCBI Official Full Name	Importin 7
NCBI Official Synonym Full Names	importin 7
NCBI Official Symbol	IPO7
NCBI Official Synonym Symbols	Imp7; RANBP7
NCBI Protein Information	importin-7
UniProt Protein Name	Importin-7
UniProt Gene Name	IPO7
UniProt Synonym Gene Names	RANBP7; Imp7; RanBP7
UniProt Entry Name	IPO7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/importin-7-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107913>