

Rabbit anti-Human Importin 7 Polyclonal Antibody | anti-IPO7 antibody

Rabbit anti-Importin 7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211982	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Importin 7; Polyclonal Antibody; Rabbit anti-Importin 7 Antibody; Affinity Purified; Imp7; RANBP7; importin-7; RAN-binding protein 7; Importin-7; importin 7; anti-IPO7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-IPO7 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Importin 7 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Importin 7 antibody AAA211982 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 10 ug/mg lysate. Importin 7 was also immunoprecipitated by rabbit anti-Importin 7 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human Importin 7 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Importin 7 (Cat. No. AAA211982) used at a dilution of 1:1,000 (0.2ug/ml) Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-IPO7 antibody	Importin 7 autonomously mediates the nuclear import of ribosomal proteins RPL23A, RPS7 and RPL5. It binds to a beta-like import receptor binding (BIB) domain of RPL23A. In association with KPNB1 it mediates the nuclear import of H1 histone. In vitro, importin 7 mediates nuclear import of H2A, H2B, H3 and H4 histones. Also, in vitro, it mediates the nuclear import of HIV-1 reverse transcription complex (RTC) integrase and HIF-1 alpha [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O95373].
Product Categories/Family for anti-IPO7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453998
NCBI GeneID	10527
NCBI Accession #	NP_006382.1
NCBI GenBank Nucleotide #	NM_006391.2
UniProt Accession #	O95373; Q1RMF7; Q9H177; Q9NTE3; A6NNM5; B2R786
Molecular Weight	119,517 Da
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; RAN-binding protein 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/importin-7-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211982>