

Rabbit anti-Human Importin 4 Polyclonal Antibody | anti-IPO4 antibody

Rabbit anti-Importin 4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211980	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

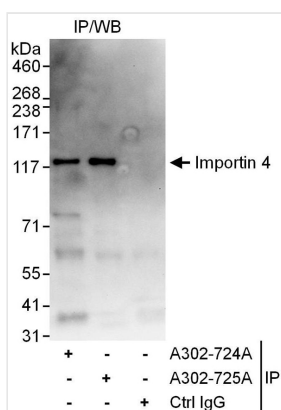
PRODUCT SYNONYMS

Importin 4; Polyclonal Antibody; Rabbit anti-Importin 4 Antibody; Affinity Purified; imp4b; importin-4; importin-4b; ran-binding protein 4; ranBP4; Imp4; Importin-4; importin 4; anti-IPO4 antibody

PRODUCT SPECIFICATIONS

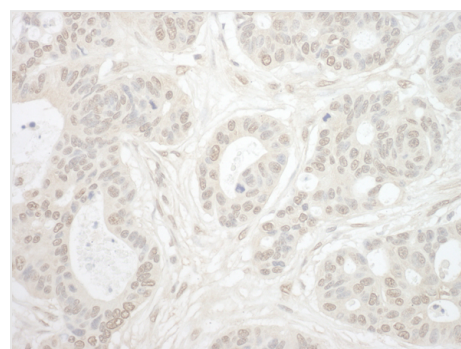
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-IPO4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human Importin 4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Importin 4 antibody AAA211980 used for IP at 10 ug/mg lysate. Importin 4 was also immunoprecipitated by rabbit anti-Importin 4 antibody which recognizes a downstream epitope. For blotting immunoprecipitated Importin 4, AAA211980 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 5 seconds.



IHC (Immunohistochemistry)

Detection of human Importin 4 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Importin 4 (Cat. No. AAA211980) used at a dilution of 1:5,000 (0.2ug/ml) Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-IPO4 antibody	Importin 4 mediates the nuclear import of RPS3A. In vitro, it mediates the nuclear import of human cytomegalovirus UL84 by recognizing a non-classical NLS. Additionally, along with importin 7, importin 4 has been shown to be involved in nuclear import of HIF-1alpha [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8TEX9].
Product Categories/Family for anti-IPO4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	62460637
NCBI GeneID	79711
NCBI Accession #	NP_078934.3
NCBI GenBank Nucleotide #	NM_024658.3
UniProt Accession #	Q8TEX9 ; Q2NL96 ; Q86TZ9 ; Q8NCG8 ; Q96SJ3 ; Q9BTI4 ; Q9H5L0 ; B2RN95
Molecular Weight	118,715 Da
NCBI Official Full Name	importin-4
NCBI Official Synonym Full Names	importin 4
NCBI Official Symbol	IPO4
NCBI Official Synonym Symbols	Imp4
NCBI Protein Information	importin-4; imp4b; ranBP4; importin-4b; ran-binding protein 4
UniProt Protein Name	Importin-4
UniProt Gene Name	IPO4
UniProt Synonym Gene Names	IMP4B; RANBP4; Imp4; Imp4b; RanBP4
UniProt Entry Name	IPO4_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-4-antibody-immunohistochemistry-immunoprecipitation-elisa/211980>