

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

IPO4 Antibody

CATALOG # AAA303535	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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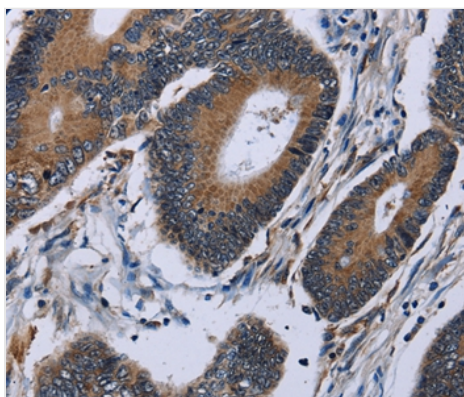
PRODUCT SYNONYMS

IPO4; Polyclonal Antibody; IPO4 Antibody; Imp4; anti-IPO4 antibody

PRODUCT SPECIFICATIONS

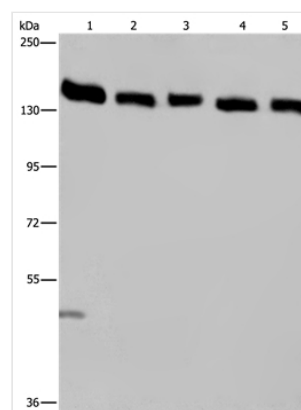
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total IPO4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	1081
Applicable Applications for anti-IPO4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human importin 4
Target Name	IPO4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/50.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): HeLa cell and human testis tissue, A549, Jurkat and K562 cell Amount of lysate: 40ug per lane Primary antibody: 1/550 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-IPO4 antibody	Importin-4 is a protein that in humans is encoded by the IPO4 gene. 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.
Product Categories/Family for anti-IPO4 antibody	Total protein Ab

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	118,901 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
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/ipo4-antibody-immunohistochemistry-western-blot-elisa/303535>