

Rabbit IPO4 Polyclonal Antibody | anti-IPO4 antibody

IPO4 Polyclonal Antibody

CATALOG # AAA177274	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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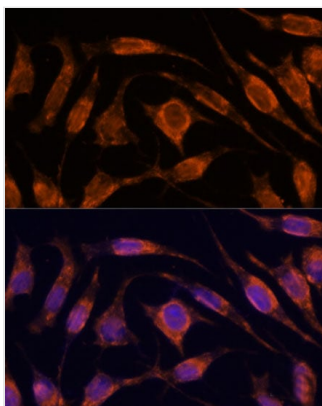
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

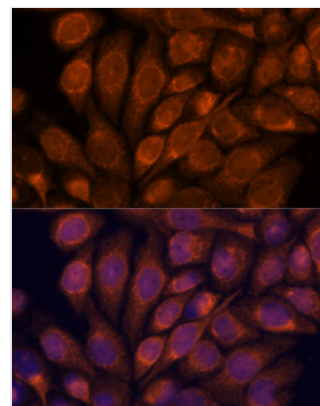
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IPO4 antibody	IF (Immunofluorescence)
Immunogen	Recombinant fusion protein of human IPO4 (NP_0789343)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



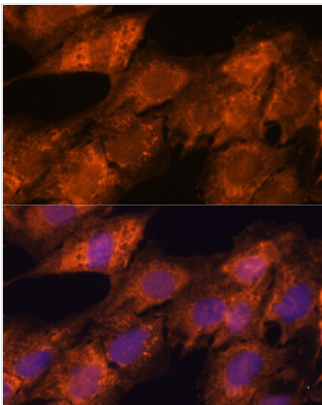
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using IPO4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using IPO4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of C6 cells using IPO4 Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.

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	Cancer; Epigenetics and Nuclear Signaling; Signal Transduction; Polyclonal Antibody

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.

