Rabbit anti-Human IPO13 Polyclonal Antibody | anti-IPO13 antibody

IPO13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229792	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

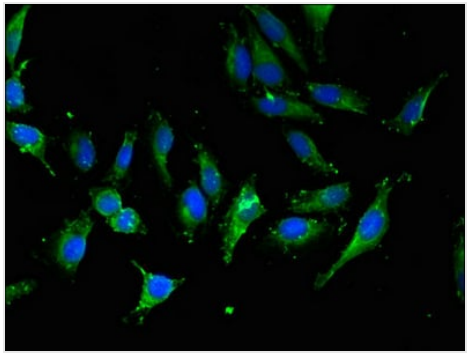
PRODUCT SYNONYMS

IPO13; Polyclonal Antibody; IPO13 Antibody; Importin-13; Imp13; Karyopherin-13; Kap13; Ran-binding protein 13; RanBP13; KIAA0724; RANBP13; anti-IPO13 antibody

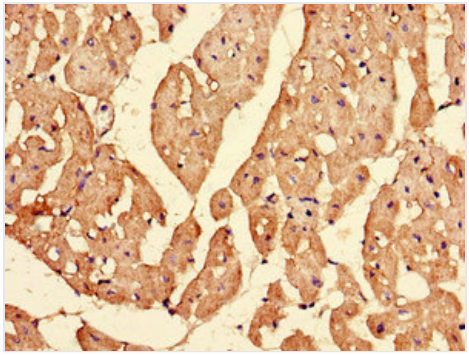
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	963
Applicable Applications for anti-IPO13 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Importin-13 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-68097
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

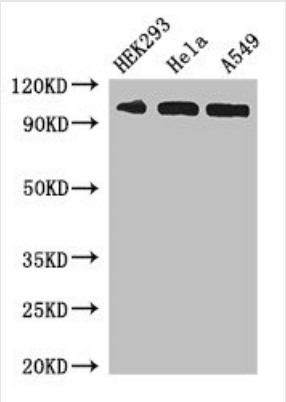
IMAGES



IHC (Immunohistochemisry)
Immunofluorescent analysis of Hela cells using AAA229792 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human heart tissue using AAA229792 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: HEK293 whole cell lysate, Hela whole cell lysate, A549 whole cell lysateAll lanes: IPO13 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionpredicted band size: 109 kDaobserved band size: 109 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-IPO13 antibody	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. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus. Mediates the nuclear import of UBC9, the RBM8A/MAGOH complex, PAX6 and probably other members of the paired homeobox family. Also mediates nuclear export of eIF-1A, and the cytoplasmic release of eIF-1A is triggered by the loading of import substrates onto IPO13.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224831257
NCBI GeneID	9670
NCBI Accession #	NP_055467.3
NCBI GenBank Nucleotide #	NM_014652.3
UniProt Accession #	O94829; Q5T4X3; Q7LC04; Q96HS3; Q9H8N3; Q9UFR1; D3DPY4
Molecular Weight	108,195 Da
NCBI Official Full Name	importin-13
NCBI Official Synonym Full Names	importin 13
NCBI Official Symbol	IPO13
NCBI Official Synonym Symbols	LGL2; IMP13; KAP13; RANBP13
NCBI Protein Information	importin-13
UniProt Protein Name	Importin-13
UniProt Gene Name	**IPO13**
UniProt Synonym Gene Names	KIAA0724; RANBP13; Imp13; Kap13; RanBP13
UniProt Entry Name	IPO13_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://www.aaabiotech.com/polyclonal/ipo13-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/229792