

Rabbit IPO7 Polyclonal Antibody | anti-IPO7 antibody

IPO7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167766	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

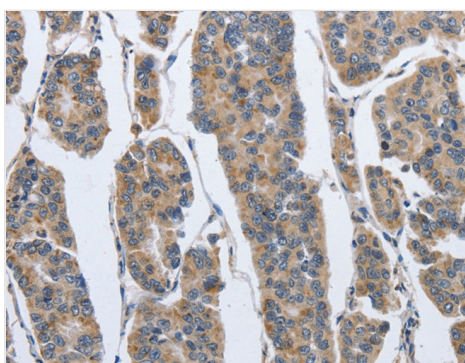
PRODUCT SYNONYMS

IPO7; Polyclonal Antibody; IPO7 Polyclonal Antibody; Imp7; RANBP7; anti-IPO7 antibody

PRODUCT SPECIFICATIONS

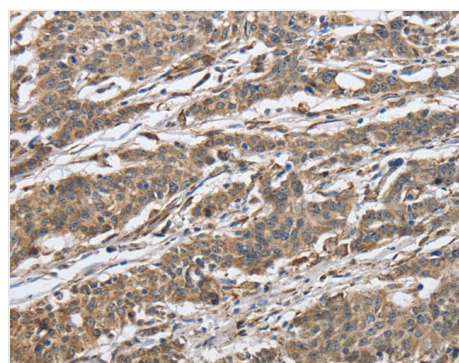
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	1038
Applicable Applications for anti-IPO7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human IPO7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



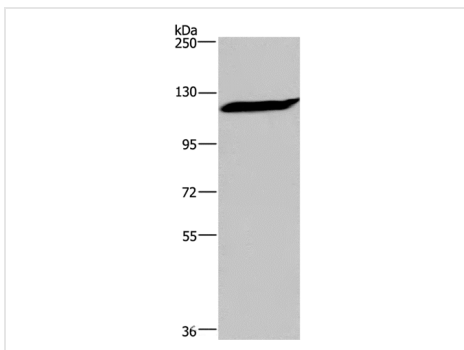
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using IPO7 Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using IPO7 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of HeLa cell using IPO7 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-IPO7 antibody

The importin-alpha/beta complex and the GTPase Ran mediate nuclear import of proteins with a classical nuclear localization signal. The protein encoded by this gene is a member of a class of approximately 20 potential Ran targets that share a sequence motif related to the Ran-binding site of importin-beta. Similar to importin-beta, this protein prevents the activation of Ran's GTPase by RanGAP1 and inhibits nucleotide exchange on RanGTP, and also binds directly to nuclear pore complexes where it competes for binding sites with importin-beta and transportin. This protein has a Ran-dependent transport cycle and it can cross the nuclear envelope rapidly and in both directions. At least four importin beta-like transport receptors, namely importin beta itself, transportin, RanBP5 and RanBP7, directly bind and import ribosomal proteins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453998
NCBI GeneID	10527
NCBI Accession #	NP_006382.1
NCBI GenBank Nucleotide #	NM_006391.2
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/ipo7-antibody-immunohistochemistry-western-blot-elisa/167766>