

Rabbit RANBP5 Polyclonal Antibody | anti-IPO5 antibody

Anti-RANBP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262645	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RANBP5; Polyclonal Antibody; Anti-RANBP5 Antibody; KPNB3; Importin-5; Imp5; Importin subunit beta-3; Karyopherin beta-3; Ran-binding protein 5; RanBP5; anti-IPO5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RANBP5 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1115
Applicable Applications for anti-IPO5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human RANBP5
Preparation and Storage	Upon receipt aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



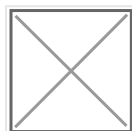
IF (Immunofluorescence)

Immunofluorescent analysis of RANBP5 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of RANBP5 staining in mouse lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of RANBP5 expression in SW620 (A), HeLa (B), HepG2 (C), mouse heart (D), mouse brain (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-IPO5 antibody	Rabbit polyclonal antibody to RANBP5
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24797086
NCBI GeneID	3843
NCBI Accession #	NP_002262.3
NCBI GenBank Nucleotide #	NM_002271.4
UniProt Accession #	O00410; O15257; Q5T578; Q86XC7; B4DZA0
NCBI Official Full Name	importin-5
NCBI Official Synonym Full Names	importin 5
NCBI Official Symbol	IPO5
NCBI Official Synonym Symbols	IMB3; Pse1; imp5; KPNB3; RANBP5
NCBI Protein Information	importin-5
UniProt Protein Name	Importin-5
UniProt Gene Name	IPO5
UniProt Synonym Gene Names	KPNB3; RANBP5; Imp5; RanBP5
UniProt Entry Name	IPO5_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.