

Anti-KPNA1 antibody (1-300) (STJ24340)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

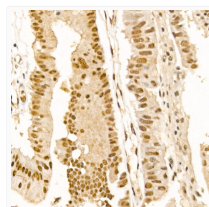
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 60kDa Observed Mw: 62kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

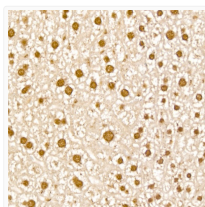
Gene ID	3836
Gene Symbol	KPNA1
UniProt ID	IMA5_HUMAN
Immunogen Region	1-300
Immunogen Sequence	MTTPGKENFRLKSYKNKSLN PDEMRRRREEEGLQLRKQKR EEQLFKRRNVATAEEEEEE VMSDGGFHEAQISNMEMAPG GVITSDMIEMIFSKSPEQQL SATQKFRKLLSKEPNPPIDE VISTPGVVARFVEFLKRKEN CTLOFESAWVLNTIASGNSL QTRIVIQAGAVPIFIELLS EFEDVQEQAQWALGNIAGDS TMCRDYVLDCNLLPPLLQLF SKQNRRLTMTNRNAVWALSNL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human KPNA1 (NP_002255.3).

ADDITIONAL INFORMATION

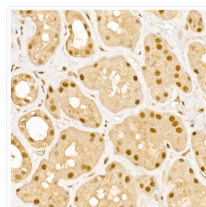
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



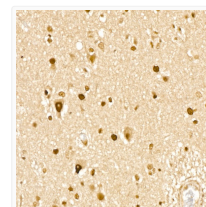
Immunohistochemistry analysis of KPNA1 in paraffin-embedded human colon carcinoma tissue using KPNA1 Rabbit polyclonal antibody (STJ24340) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



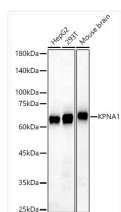
Immunohistochemistry analysis of KPNA1 in paraffin-embedded mouse liver tissue using KPNA1 Rabbit polyclonal antibody (STJ24340) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of KPNA1 in paraffin-embedded human kidney tissue using KPNA1 Rabbit polyclonal antibody (STJ24340) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of KPNA1 in paraffin-embedded human brain tissue using KPNA1 Rabbit polyclonal antibody (STJ24340) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of various lysates, using KPNA1 Rabbit polyclonal antibody (STJ24340) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.