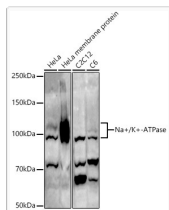
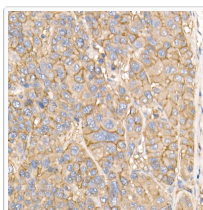


Anti-ATP1A1 antibody (1-1023) (STJ110188)

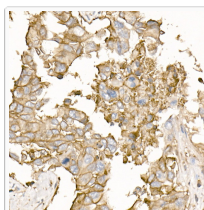
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 113kDa Observed Mw: 100kDa
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	476
Gene Symbol	ATP1A1
UniProt ID	AT1A1_HUMAN
Immunogen Region	1-1023
Immunogen Sequence	MGKGVGRDKYEPAAVSEQGD KKGKKGKKDRDMDELKKEVS MDDHKLSLDELHRKYGTDLS RGLTSARAAEILARDGPNAL TPPPTTPEWIKFCRQLFGGF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human Na ⁺ /K ⁺ -ATPase (NP_000692.2).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



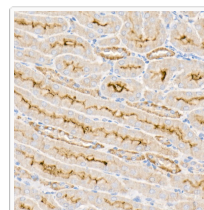
Western blot analysis of various lysates using Na+/K+-ATPase Rabbit pAb (STJ110188) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 180s.



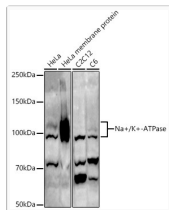
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



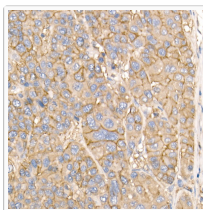
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



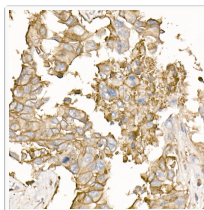
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



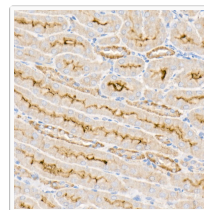
Western blot analysis of various lysates using Na+/K+-ATPase Rabbit pAb (STJ110188) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 180s.



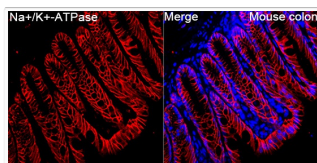
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



Immunofluorescence analysis of paraffin-embedded Mouse colon tissue using Na+/K+-ATPase Rabbit pAb (STJ110188) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS0001166) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0. 01 M citrate buffer (pH 6. 0) prior to IF staining.