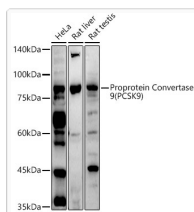
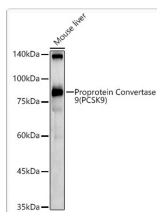


Anti-PCSK9 antibody (590-692) (STJ110170)

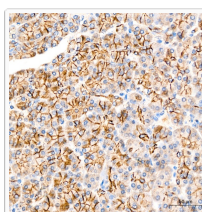
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 74kDa Observed Mw: 80kDa/65kDa
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	255738
Gene Symbol	PCSK9
UniProt ID	PCSK9_HUMAN
Immunogen Region	590-692
Immunogen Sequence	GHREASIHASCCHAPGLECK VKEHGIPAPQEQVTVACEEG WTLTGCSALPGTSHVLGAYA VDNTCVVRSRDVSTTGSTSE GAVTAVAICCRSRHLAQASQ ELQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 590-692 of human Proprotein Convertase 9 (PCSK9) (NP_777596.2).
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 Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at 1:1000 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.



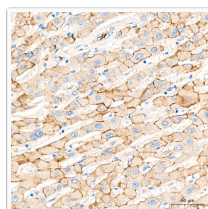
Western blot analysis of lysates from Mouse liver, using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 30s.



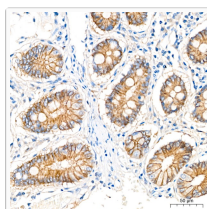
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



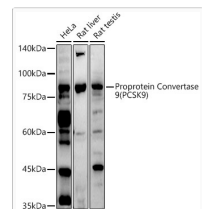
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



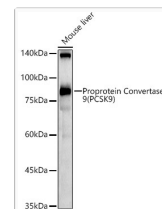
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



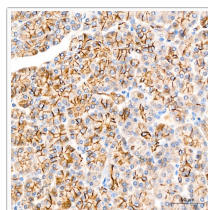
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at 1:1000 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.



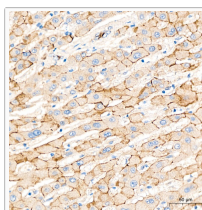
Western blot analysis of lysates from Mouse liver, using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 30s.



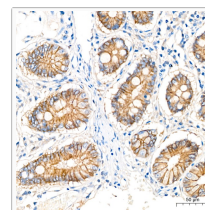
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



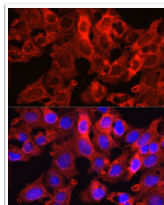
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



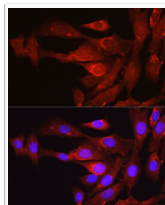
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



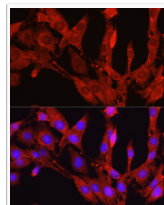
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:200 (40x lens).
High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



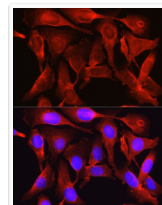
Immunofluorescence analysis of HepG2 cells using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at dilution of 1:200 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution.
Blue: DAPI for nuclear staining.



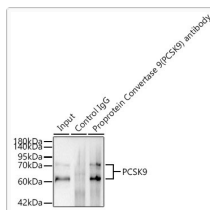
Immunofluorescence analysis of NIH/3T3 cells using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at dilution of 1:200 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at dilution of 1:200 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at dilution of 1:200 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution.
Blue: DAPI for nuclear staining.



Immunoprecipitation of Proprotein Convertase 9 (PCSK9) from 200 µg extracts of HeLa cells was performed using 0.5 µg of Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170). Rabbit IgG isotype control (STJ1105763) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Proprotein Convertase 9 (PCSK9) Rabbit pAb (STJ110170) at a dilution of 1:1000.