Anti-FURIN antibody (250-267) (STJ29581)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

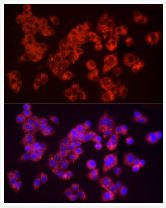
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 87kDa Observed Mw: 90-110kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

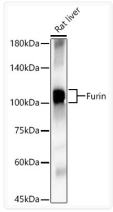
Gene ID	5045
Gene Symbol	FURIN
UniProt ID	FURIN_HUMAN
Immunogen Region	250-267
Immunogen Sequence	GEVAAVANNGVCGVGVAYNA RIGGVRMLDGEVTDAVEARS LGLNPNHIHIYSASWGPEDD GKTVDGPARLAEEAFFRGVS QGRGGLGSIFVWASGNGGRE HDSCNCDGYTNSIYTLSISS ATQFGNVPWYSEACSSTLAT TYSSGNQNEKQIVTTDLRQK CTESHTGTSASAPLAAGIIA LTLEANKNLTWRDMQHLVVQ TSKPAHLNANDWATNGVGRK VSHSYGYGLLDAGAMVALA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Furin (NP_002560.1).

ADDITIONAL INFORMATION

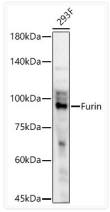
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of HepG2 cells using Furin Rabbit polyclonal antibody (STJ29581) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Rat liver, using Furin Rabbit polyclonal antibody (STJ29581) 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: 90s.



Western blot analysis of lysates from 293F cells, using Furin Rabbit polyclonal antibody (STJ29581) 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: 30s.