Anti-PCSK9 antibody (593-692) [S2MR] (STJ11101352)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

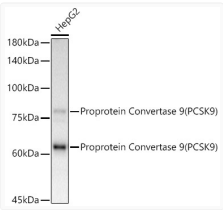
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 74kDa Observed Mw: 65kDa/80kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

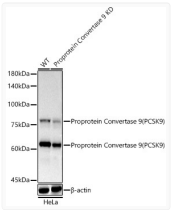
Gene ID	255738
Gene Symbol	PCSK9
UniProt ID	PCSK9_HUMAN
Immunogen Region	593-692
Immunogen Sequence	EASIHASCCHAPGLECKVKE HGIPAPQEQVTVACEEGWTL TGCSALPGTSHVLGAYAVDN TCVVRSRDVSTTGSTSEGAV TAVAICCRSRHLAQASQELQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 593-692 of human 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 extracts of HepG2 cells, using Proprotein Convertase 9 (PCSK9) antibody (STJ11101352) at1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts from wild type (WT) and Proprotein Convertase 9 (PCSK9) knockdown (KD) HeLa cells, using Proprotein Convertase 9 (PCSK9) rabbit monoclonal antibody (STJ11101352) 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.