Anti-PROX1 antibody (220-375) (STJ115009)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

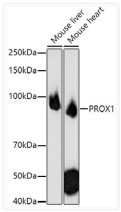
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 83kDa Observed Mw: 85kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

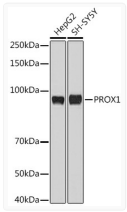
Gene ID	5629
Gene Symbol	PROX1
UniProt ID	PROX1_HUMAN
Immunogen Region	220-375
Immunogen Sequence	SFQQLVSARKEQKREERRQL KQQLEDMQKQLRQLQEKFYQ IYDSTDSENDEDGNLSEDSM RSEILDARAQDSVGRSDNEM CELDPGQFIDRARALIREQE MAENKPKREGNNKERDHGPN SLQPEGKHLAETLKQELNTA MSQVVDTVVKVFSAKP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 220-375 of human PROX1 (NP_002754.2).

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 PROX1 Rabbit polyclonal antibody (STJ115009) 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 Enhanced Kit. Exposure time: 180s.



Western blot analysis of various lysates using PROX1 Rabbit polyclonal antibody (STJ115009) 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.