Anti-SIRT5 antibody (37-310) [S5013RM] (STJ11105013)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

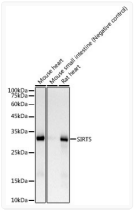
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 34kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

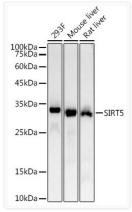
Gene ID	23408
Gene Symbol	SIRT5
UniProt ID	SIR5_HUMAN
Immunogen Region	37-310
Immunogen Sequence	SSSMADFRKFFAKAKHIVII SGAGVSAESGVPTFRGAGGY WRKWQAQDLATPLAFAHNPS RVWEFYHYRREVMGSKEPNA GHRAIAECETRLGKQGRRVV VITQNIDELHRKAGTKNLLE IHGSLFKTRCTSCGVVAENY KSPICPALSGKGAPEPGTQD ASIPVEKLPRCEEAGCGGLL RPHVVWFGENLDPAILEEVD RELAHCDLCLVVGTSSVVYP AAMFAPQVAARGVPVAEFN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 37-310 of human SIRT5 (NP_036373.1).

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 SIRT5 antibody (STJ11105013) at 1:3000 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: 10s.



Western blot analysis of various lysates, using SIRT5 Rabbit monoclonal antibody (STJ11105013) at 1:3000 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.