

Anti-SIRT5 antibody (37-310) (STJ28350)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

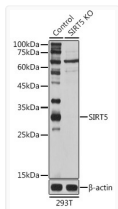
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 35kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

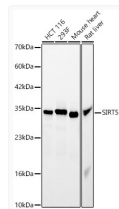
Gene ID	23408
Gene Symbol	SIRT5
UniProt ID	SIR5_HUMAN
Immunogen Region	37-310
Immunogen Sequence	SSSMADFRKFFAKAKHIVII SGAGVSAESGVPTFRGAGGY WRKWQAQDLATPLAFAHNPS RVWEFYHYRREVMGSKEPNA GHRAIAECETRLGKQGRRVV VITQNIDELHRKAGTKNLL EIHGSLFKTRCTSCGVVAENY KSPICPALSGKGAPEPGTQD ASIPVEKLPCEEAGCGLL RPHVWVWFGENLDPAILEEVD RELAHCDLCLVVGTTSSVVYP 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 extracts from normal (control) and SIRT5 knockout (KO) 293T cells, using SIRT5 antibody (STJ28350) 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: 1s.



Western blot analysis of various lysates, using [KO Validated] SIRT5 rabbit polyclonal antibody (STJ28350) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

