

## Anti-SIRT1 antibody (229-246) (STJ25533)

STJ25533

### GENERAL INFORMATION

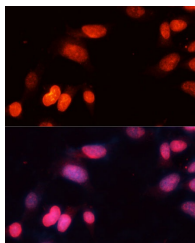
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

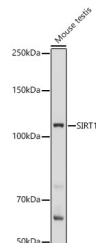
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:2000
<b>Range</b>	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	23411
<b>Gene Symbol</b>	SIRT1
<b>Uniprot ID</b>	SIRT1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	229-246
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 201-300 of human SIRT1 (NP_036370.2).
<b>Immunogen Sequence</b>	ILKDLLPETIPPELDDMTL WQIVINILSEPPKRRKDKI NTIEDAVKLLQECKKIIVLT GAGVSVSCGIPDFRSRDGIY ARLAVDFPDLDPQAMFDIE YFRKDPFPFFKFAKEIYPGQ FQPSLCHKFIALSDKEGKLL RNYTQNIIDTLEQVAGIQRII QCHGSFATASCLICKYKVDCEAVRGDIFNQVPRCPRCPA DEPLAIMKPEIVFFGENLPE QFHRAMKYDKDEVDLLIVI



Immunofluorescence analysis of NIH-3T3 cells using SIRT1 Polyclonal Antibody (STJ25533) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Mouse testis, using SIRT1 Rabbit polyclonal antibody (STJ25533) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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