

SIRT5 Polyclonal Antibody

CATALOG #:	3225-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	Synthetic peptide surrounding amino acid 33 of human SIRT5
INTERNAL ID#:	BV-J81
HOST:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti- SIRT5 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

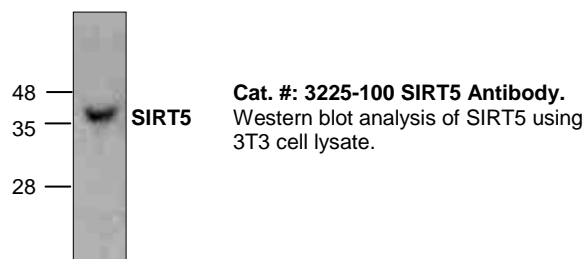
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Silent information regulator (Sir2)-like family deacetylases (also known as sirtuins) are highly conserved proteins and have important roles in the regulation of metabolism, inflammation, cellular survival growth and differentiation. SIRT5 is a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Sirtuins are NAD-dependent protein ADP-ribosyl transferase which catalyzes the transfer of ADP-ribosyl groups onto target proteins. Alternative splicing of this gene results in two transcript variants

APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (1-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3225BP-50) is available separately.



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