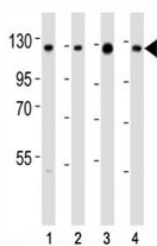


Anti-SIRT1 Antibody (F53340)

Catalog No.	Formulation	Size
F53340-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53340-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q96EB6
Applications	Western Blot : 1:2000
Limitations	This anti-SIRT1 antibody is available for research use only.



Western blot testing of anti-SIRT1 antibody at 1:2000 dilution. Lane 1: K562; 2: HeLa; 3: A549; 4: human testis lysate; Molecular weight: visualized from 80–120 kDa depending on post-translational modifications

Description

A NAD-dependent protein deacetylase that links transcriptional regulation directly to intracellular energetics and participates in the coordination of several separated cellular functions such as cell cycle, response to DNA damage, metabolism, apoptosis and autophagy.

Researchers studying metabolic signaling, chromatin regulation, and cellular stress-response pathways may also be interested in our [SIRT1 Antibody / Metabolic Stress Regulator](#) page featuring validated immunofluorescence, flow cytometry, and protein microarray specificity data for energy-responsive signaling research.

Application Notes

Titration of the anti-SIRT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This anti-SIRT1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 587-621 amino acids from the C-terminal region of human SIRT1.

Storage

Aliquot the anti-SIRT1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.