
Product Name: SIRT5 Rabbit Monoclonal Antibody**Catalog #: AMRe83856**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	34 kDa

Antigen Information

Gene Name	SIRT5
Alternative Names	SIR2-like protein 5; SIR2L5; Sirt5; Sirtuin 5; Sirtuin type 5;;SIRT5
Gene ID	
SwissProt ID	Q9NXA8
Immunogen	A synthesized peptide derived from human SIRT5

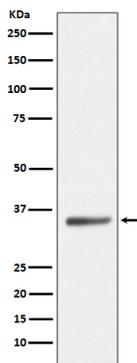
Background

NAD-dependent lysine demalonylase, desuccinylase and deglutarylase that specifically removes malonyl, succinyl and glutaryl groups on target proteins.Activates CPS1 and contributes to the regulation of blood ammonia levels during prolonged fasting:

acts by mediating desuccinylation and deglutarylation of CPS1, thereby increasing CPS1 activity in response to elevated NAD levels during fasting.

Research Area

Image Data



Western blot analysis of SIRT5 expression in HeLa cell lysate.