
Product Name: Phospho-SIRT1 (Thr530) Rabbit Monoclonal Antibody**Catalog #: AMRe87109**

For research use only.

Summary

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| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Phosphorylated |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.5mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| Purification | Affinity Purification |

Application

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|-------------------------|---|
| Dilution Ratio | WB 1:1000-1:5000 |
| Molecular Weight | Calculated MW:82 kDa; Observed MW:120 kDa |

Antigen Information

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| Gene Name | Phospho-SIRT1 |
| Alternative Names | SIR2; SIR2L1; SIR2alpha |
| Gene ID | 23411 |
| SwissProt ID | Q96EB6 |
| Immunogen | A synthetic phosphopeptide corresponding to residues surrounding Thr530 of human SIRT1 |

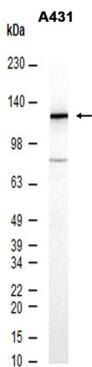
Background

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family

are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008]

Research Area

Image Data



Western blot analysis of extracts from A431 cells using Phospho-SIRT1 (Thr530) Rabbit Monoclonal Antibody at 1:1000.