

SIRT3 Polyclonal Antibody

catalog number: **E-AB-14343**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein of human SIRT3
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

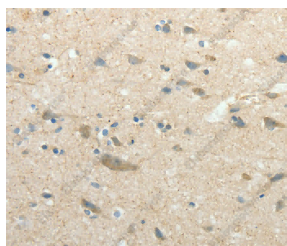
WB	1:500-1:2000
IHC	1:15-1:50

Data

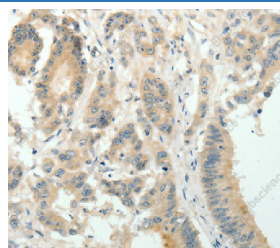


Western Blot analysis of Mouse brain and Human liver cancer tissue using SIRT3 Polyclonal Antibody at dilution of 1:500

Calculated-MW: 44 kDa



Immunohistochemistry of paraffin-embedded Human brain using SIRT3 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human colon cancer using SIRT3 Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Rev. V1.8

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 Human, Mouse and Non-mammalian ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.