

SIRT3 Polyclonal Antibody

Catalog No. E-AB-14343

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

Description

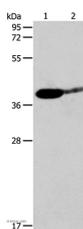
Reactivity	Human, Mouse
Immunogen	Recombinant protein of human SIRT3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications

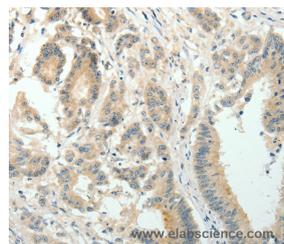
Recommended Dilution

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

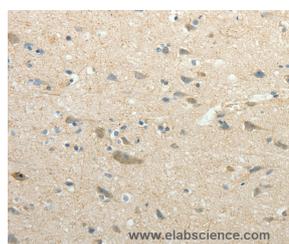
Data



Western Blot analysis of Mouse brain and Human liver cancer tissue using SIRT3 Polyclonal Antibody at dilution of 1:500
Calculated Mw:44kDa



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

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 Human, Mouse and 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.