

Datasheet for ABIN7240238

anti-SIRT3 antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	SIRT3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human SIRT3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	SIRT3
Alternative Name:	SIRT3 (SIRT3 Products)
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

Target Details

recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with Human, Mouse sirtuin-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.

Molecular Weight: 44 kDa

UniProt: [Q9NTG7](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:15-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

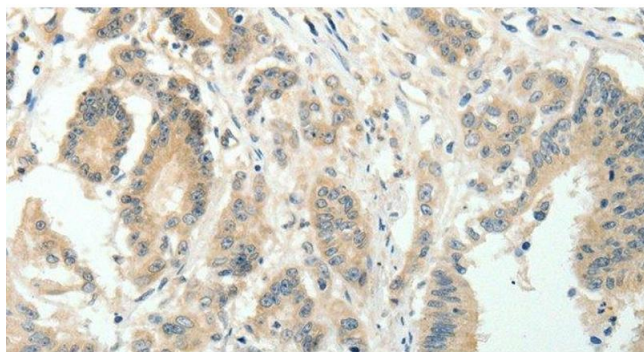
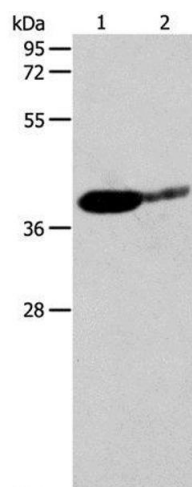
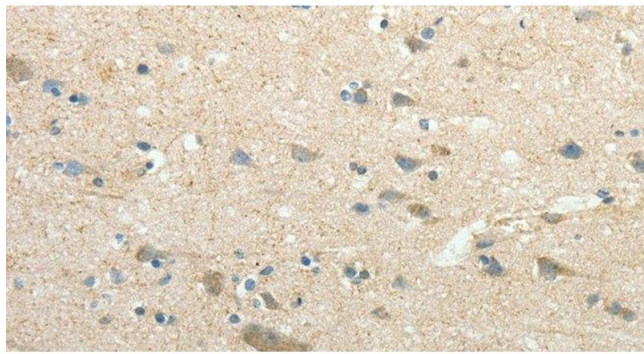
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

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

Western Blotting

Image 2. Western Blot analysis of Mouse brain and Human liver cancer tissue using SIRT3 Polyclonal Antibody at dilution of 1:500

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human colon cancer using SIRT3 Polyclonal Antibody at dilution of 1:30