

SIRT7 Rabbit pAb

Catalog No.: A0979 **1 Publications**

Basic Information

Observed MW

45KDa

Calculated MW

20kDa/35kDa/44kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Rat

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 IV of the sirtuin family.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

51547

Swiss Prot

Q9NRC8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 201-400 of human SIRT7 (NP_057622.1).

Synonyms

SIRT7;SIR2L7;sirtuin 7

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

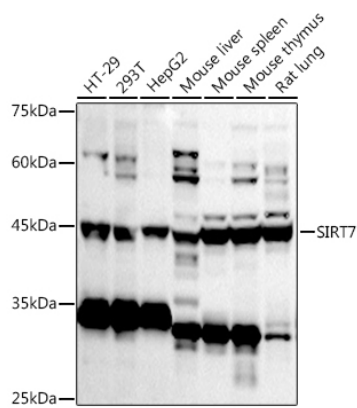
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using SIRT7 antibody (A0979) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.