

A0979

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## SIRT7 Rabbit pAb

Catalog No.: A0979

1 Publications

### Basic Information

#### Observed MW

45kDa

#### Calculated MW

45kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,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 - 1:1000

IF/ICC 1:50 - 1:200

### 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

SIR2L7; SIRT7

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

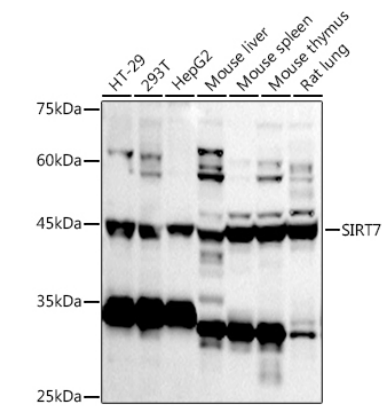
Affinity purification

#### Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

# Validation Data



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