

SIRT4 Rabbit Polyclonal Antibody



CAB7585

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

32kDa

Calculated MW:

35kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

23409

Uniprot

Q9Y6E7

Synonyms:

SIRT4; SIR2L4; sirtuin 4

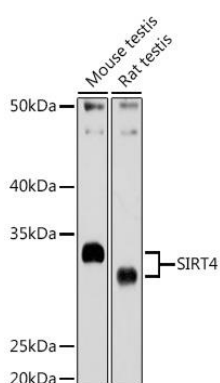
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 29-260 of human SIRT4 (NP_036372.1).

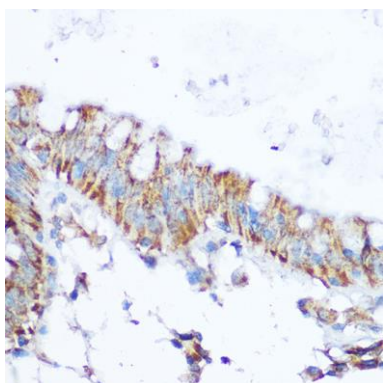
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

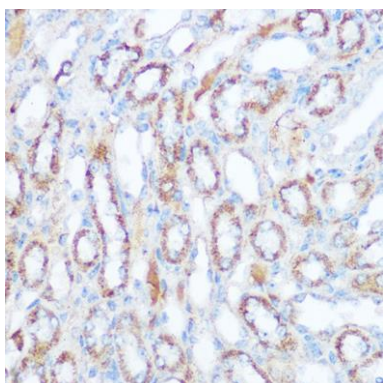
Product Images



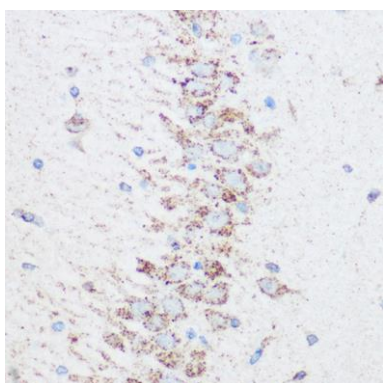
Western blot analysis of extracts of various cell lines, using SIRT4 Rabbit pAb (CAB7585) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human colon using SIRT4 Rabbit pAb (CAB7585) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using SIRT4 Rabbit pAb (CAB7585) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using SIRT4 Rabbit pAb (CAB7585) at dilution of 1:100 (40x lens).