



## SIRT2 (DGR14264) Rabbit mAb

db11163 Package : 10μL 20μL 50μL 100μL

Product Name: SIRT2 (DGR14264) Rabbit mAb

Cat.No.: db11163

Synonyms: SIR2; SIR2L; SIR2L2

 $\textbf{Application:} \ \mathsf{WB}, \ \mathsf{IHC\text{-}P}, \ \mathsf{IP}$ 

Reactivity: Human, Mouse, Rat

Host species: Rabbit

**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 I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by

RefSeq, Jul 2010]

**Immunogen** Recombinant protein of human SIRT2

**Gene ID** 22933

Swiss Prot Q8IXJ6

**Synonyms** SIR2; SIR2L; SIR2L2

Reactivity Human, Mouse, Rat

Application WB, IHC-P, IP

Recommended dilution WB: 1:1000

IHC-P: 1:1000-1:5000

IP: 1:20-1:50

Calculated MW 43 kDa

**Observed MW** 43, 39 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR14264





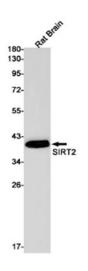
**Isotype** IgG

**Purity** Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SIRT2 in Rat Brain lysates using SIRT2 antibody(1:1000 diluted).

kDa T24

Western blot analysis of extracts from T24 cells using db11163 at 1:1000.

230 -140 -

98 -

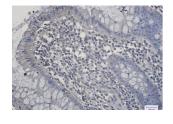
63 -

39 -

<del>22</del> -

15 -

10 -



Immunohistochemical analysis of paraffin-embedded human colon cancer using db11163 antibody.