

Recombinant

DGRmAb®

SIRT3 (DGR14105) Rabbit mAb

db13407

Package : 10µL 20µL 50µL 100µL

Product Name : SIRT3 (DGR14105) Rabbit mAb**Cat.No.:** db13407**Synonyms** : SIR2L3**Application** : WB, IHC-P**Reactivity** : Human**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. Two alternatively spliced transcript variants that encode different proteins have been described for this gene. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human SIRT3

Gene ID

23410

Swiss Prot

Q9NTG7

Synonyms

SIR2L3

Reactivity

Human

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:500**Calculated MW**

44 kDa

Observed MW

28 kDa

Host species

Rabbit

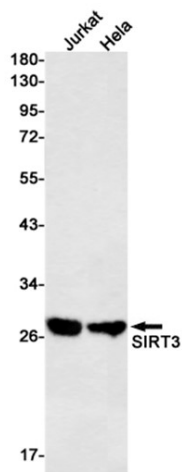
Clonality

Monoclonal

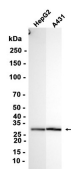
Clonality No.

DGR14105

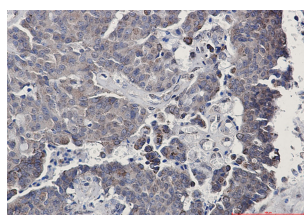
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SIRT3 in Jurkat, HeLa cell lysates using SIRT3 antibody(1:500 diluted).



Western blot analysis of extracts from A431, HepG2 cells using db13407 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db13407 antibody.