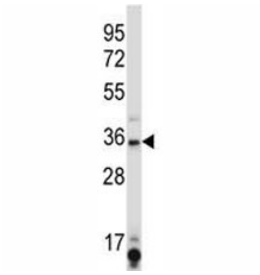
SIRT6 Antibody (F43446)

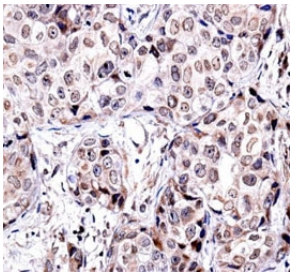
Catalog No.	Formulation	Size
F43446-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43446-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8N6T7
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This SIRT6 antibody is available for research use only.



SIRT6 antibody western blot analysis in K562 lysate.



SIRT6 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma.

Description

NAD-dependent protein deacetylase. Has deacetylase activity towards 'Lys-9' and 'Lys-56' of histone H3. Modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. Deacetylates 'Lys-9' of histone H3 at NF-kappa-B target promoters and may down-regulate the expression of a subset of NF-kappa-B target genes. Deacetylation of nucleosomes interferes with RELA binding to target DNA. May be required for the association of WRN with telomeres during S-phase and for normal telomere maintenance. Required for genomic stability. Required for normal IGF1 serum levels and normal glucose homeostasis. Modulates cellular senescence and apoptosis. Regulates the production of TNF protein (By similarity).

Application Notes

Titration of the SIRT6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 276-305 from the human protein was used as the immunogen for this SIRT6 antibody.

Storage

Aliquot the SIRT6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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