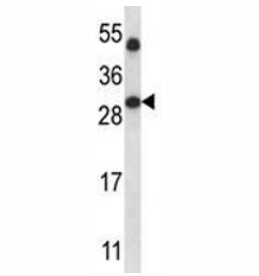
SIRT5 Antibody (F43966)

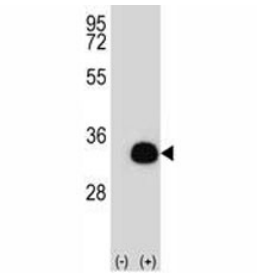
Catalog No.	Formulation	Size
F43966-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43966-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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	Q9NXA8
Applications	Western blot: 1:1000
Limitations	This SIRT5 antibody is available for research use only.



SIRT5 antibody western blot analysis in human placenta tissue lysate.



Western blot analysis of SIRT5 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the SIRT5 gene.

Description

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 III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

Titration of the SIRT5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 99-127 from the human protein was used as the immunogen for this SIRT5 antibody.

Storage

Aliquot the SIRT5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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