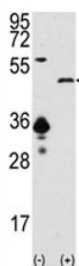


## SIRT7 Antibody (F49523)

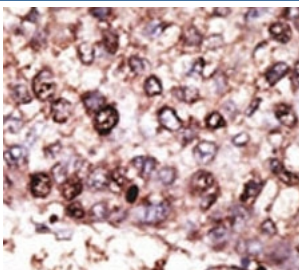
Catalog No.	Formulation	Size
F49523-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49523-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat, Bovine
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q9NRC8
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This SIRT7 antibody is available for research use only.



Western blot analysis of SIRT7 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SIRT7 gene (2).



IHC analysis of FFPE human hepatocarcinoma tissue stained with the SIRT7 antibody

## Description

SIRT7 is 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.

## Application Notes

Titration of the SIRT7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 331-360 from the human protein was used as the immunogen for this SIRT7 antibody.

## Storage

Aliquot the SIRT7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.