

## Datasheet for ABIN3032593

# anti-SIRT4 antibody (AA 67-95)

2 Images



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Quantity:	0.4 mL
Target:	SIRT4
Binding Specificity:	AA 67-95
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	A portion of amino acids 67-95 from the human protein was used as the immunogen for this
Immunogen:	A portion of amino acids 67-95 from the human protein was used as the immunogen for this SIRT4 antibody.
Immunogen: Isotype:	
	SIRT4 antibody.
Isotype:	SIRT4 antibody.  Ig Fraction
Isotype: Cross-Reactivity (Details):	SIRT4 antibody.  Ig Fraction  Expected species reactivity: Bovine
Isotype:  Cross-Reactivity (Details):  Purification:	SIRT4 antibody.  Ig Fraction  Expected species reactivity: Bovine
Isotype: Cross-Reactivity (Details): Purification: Target Details	SIRT4 antibody.  Ig Fraction  Expected species reactivity: Bovine  Antigen affinity purified
Isotype: Cross-Reactivity (Details): Purification: Target Details Target:	SIRT4 antibody.  Ig Fraction  Expected species reactivity: Bovine  Antigen affinity purified  SIRT4

#### **Target Details**

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 IV of the sirtuin family.

UniProt:

Q9Y6E7

cycles.

Pathways:

Negative Regulation of Hormone Secretion

#### **Application Details**

Application Notes:

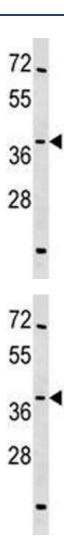
Titration of the SIRT4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions:

For Research Use only

#### Handling

Format:	Liquid		
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Aliquot the SIRT4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw		



### **Western Blotting**

**Image 1.** SIRT4 antibody western blot analysis in mouse testis tissue lysate.

#### **Western Blotting**

**Image 2.** SIRT4 antibody western blot analysis in mouse testis tissue lysate.