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anti-SIRT6 antibody (C-Term)

2 Images

Target:

Alternative Name:

4

SIRT6

SIRT6 (SIRT6 Products)

Publications



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Overview	
Quantity:	400 μL
Target:	SIRT6
Binding Specificity:	AA 290-319, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This SIRT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 290-319 amino acids from the C-terminal region of human SIRT6.
Clone:	RB2109
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	

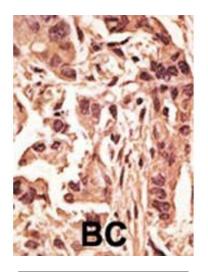
Target Details

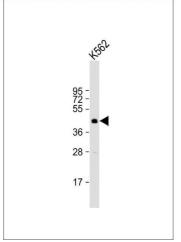
Background:	SIRT6 is a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein.
	Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four
	classes. The functions of human sirtuins have not yet been determined, however, yeast sirtuin
	proteins 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.
Molecular Weight:	39119
Gene ID:	51548
NCBI Accession:	NP_001180214, NP_057623
UniProt:	Q8N6T7
Application Details	
Application Notes:	WB: 1:1000. WB: 1:500. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots.
Expiry Date:	6 months
Publications	
Product cited in:	Xu, Han, Epstein, Liu: "Regulation of PDK mRNA by high fatty acid and glucose in pancreatic
	islate "in: Picchamical and highly sical research communications Vol. 244 January pp. 927

islets." in: Biochemical and biophysical research communications, Vol. 344, Issue 3, pp. 827-

33, (2006) (PubMed).

Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of SIRT6 Antibody (C-term) (ABIN390181 and ABIN2840672) in mouse stomach tissue lysates (35 μ g/lane). SIRT6 (arrow) was detected using the purified Pab.