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Datasheet for ABIN525151
anti-SIRT4 antibody (AA 1-314)

1 Image

Overview

Quantity:	50 µg
Target:	SIRT4
Binding Specificity:	AA 1-314
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SIRT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human SIRT4 protein.
Immunogen:	SIRT4 (NP_036372.1, 1 a.a. ~ 314 a.a) full-length human protein.
Sequence:	MKMSFALTFR SAKGRWIANP SQPCSKASIG LFVPASPPLD PEKVKELQRF ITLSKRLLVM TGAGISTESG IPDYRSEKVG LYARTDRRPI QHGDFVRSAP IRQRYWARNF VGWPQFSSHQ PNPAHWALST WEKLGKLYWL VTQNVDAHT KAGSRRLTEL HGCMDRVLCL DCGEQTPRGV LQERFQVLNP TWSAEAHGLA PDGDVFLSEE QVRSFQVPTC VQCGGHLKPD VVFFGDTVNP DKVDFVHKRV KEADSLVVG SSLQVYSGYR FILTAWEKKL PIAILNIGPT RSDDLACLKL NSRCGELLPL IDPC
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	SIRT4
Alternative Name:	SIRT4 (SIRT4 Products)
Background:	Full Gene Name: sirtuin (silent mating type information regulation 2 homolog) 4 (<i>S. cerevisiae</i>) Synonyms: MGC130046,MGC130047,MGC57437,SIR2L4
Gene ID:	23409
NCBI Accession:	NM_012240
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot analysis of SIRT4 expression in transfected 293T cell line by SIRT4 MaxPab polyclonal antibody.

Lane 1: SIRT4 transfected lysate(34.54 KDa).

Lane 2: Non-transfected lysate.