



[Go to Product page](#)

Datasheet for ABIN2778619

anti-SIRT5 antibody (C-Term)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	SIRT5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Goat, Rabbit, Guinea Pig, Dog, Zebrafish (Danio rerio), Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SIRT5
Sequence:	HCDLCLVVGTS SSVVYPAAMF APQVAARGVP VAEFNTETTP ATNRFSHLIS
Predicted Reactivity:	Cow: 86%, Dog: 93%, Goat: 100%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SIRT5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	SIRT5
---------	-------

Target Details

Alternative Name:	SIRT5 (SIRT5 Products)
Background:	<p>SIRT5 is included in class III of the sirtuin family which is characterized by a sirtuin core domain. Human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity.</p> <p>Alias Symbols: SIR2L5</p> <p>Protein Interaction Partner: SIRT3, UBC, HECW2, APP, RELA,</p> <p>Protein Size: 299</p>
Molecular Weight:	33 kDa
Gene ID:	23408
NCBI Accession:	NM_006800 , NP_112534
UniProt:	Q5T295
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 299 AA
Restrictions:	For Research Use only

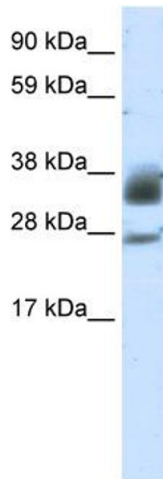
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

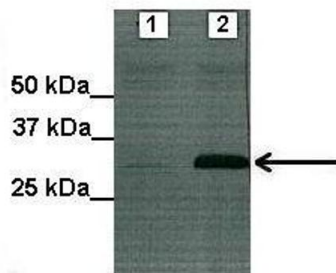
Publications

Product cited in: Holmberg, Ingner, Johansson, Leander, Hjalt: "PITX2 gain-of-function induced defects in mouse forelimb development." in: **BMC developmental biology**, Vol. 8, pp. 25, (2008) ([PubMed](#)).

Images



SIRT5



Western Blotting

Image 1. WB Suggested Anti-SIRT5 Antibody Titration: 5.0ug/ml ELISA Titer: 1:62500 Positive Control: Human heart

Western Blotting

Image 2. Lanes: Lane1: Untransfected HEK293T lysate Lane2: mSIRT5-FLAG transfected HEK293T lysate Primary Antibody Dilution: 1:200 Secondary Antibody: ProteinA-HRP Secondary Antibody Dilution: 1:5000 Gene Name: SIRT5 Submitted by: Anonymous There is BioGPS gene expression data showing that SIRT5 is expressed in HEK293T

See Immunoblot 2 Data and Customer Feedback for more information