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Datasheet for ABIN7270253
anti-SRRT antibody (AA 623-872)

Overview

Quantity:	100 µL
Target:	SRRT
Binding Specificity:	AA 623-872
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRRT antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	SRRT Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 623-872 of human SRRT (NP_001122325.1).
Sequence:	DYYNTCEYPN EDMPNRCGI IHVRGPMPPN RISHGEVLEW QKTFEELTP LLSVRESLSE EEAQKMGRKD PEQEVEKFVT SNTQELGKDK WLCPLSGKKF KGPEFVRKHI FNKHAEKIEE VKKEVAFFNN FLTDAKRPAL PEIKPAQPPG PAQSLTPGLP YPHQTPQGLM PYGQPRPPIL GYGAGAVRPA VPTGGPPYPH APYGAGRGN Y DAFRGQGGYP GKPRNRMVVRG DPRAIVEYRD LDAPDDVDFF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: SRRT

Alternative Name: SRRT ([SRRT Products](#))

Background: Acts as a mediator between the cap-binding complex (CBC and the primary microRNAs (miRNAs processing machinery during cell proliferation. Contributes to the stability and delivery of capped primary miRNA transcripts to the primary miRNA processing complex containing DGCR8 and DROSHA, thereby playing a role in RNA-mediated gene silencing (RNAi by miRNAs. Binds capped RNAs (m7GpppG-capped RNA, however interaction is probably mediated via its interaction with NCBP1/CBP80 component of the CBC complex. Involved in cell cycle progression at S phase. Does not directly confer arsenite resistance but rather modulates arsenic sensitivity. Independently of its activity on miRNAs, necessary and sufficient to promote neural stem cell self-renewal. Does so by directly binding SOX2 promoter and positively regulating its transcription (By similarity.,SRRT,ARS2,ASR2,serrate,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Drug metabolism,SRRT

Molecular Weight: 96kDa/100kDa

Gene ID: 51593

UniProt: [Q9BXP5](#)

Pathways: [Notch Signaling](#), [Stem Cell Maintenance](#)

Application Details

Application Notes: IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.