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Datasheet for ABIN7453421 **anti-SRRT antibody (AA 826-876)**

Overview

Quantity:	100 µg
Target:	SRRT
Binding Specificity:	AA 826-876
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRRT antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-ARS2 Antibody, Affinity Purified
Immunogen:	Between AA 826 and 876
Isotype:	IgG
Predicted Reactivity:	Zebrafish,X. laevis,Bovine,Orangutan
Purification:	Affinity Purified

Target Details

Target:	SRRT
Alternative Name:	ARS2 (SRRT Products)

Target Details

Background:	Background: Arsenate resistance protein 2 (ARS2) acts as a mediator between the cap-binding complex (CBC) and the primary microRNAs (miRNAs) processing machinery during cell proliferation. ARS2 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. ARS2 does not directly confer arsenite resistance but rather modulates arsenic sensitivity. Independently of its activity on miRNAs, it is necessary and sufficient to promote neural stem cell self-renewal and does so by directly binding SOX2 promoter and positively regulating its transcription (By similarity) [taken from the Universal Protein Resource (UniProt) Q9BXP5].
Gene ID:	51593
NCBI Accession:	NP_056992
UniProt:	Q9BXP5
Pathways:	Notch Signaling , Stem Cell Maintenance

Application Details

Application Notes:	IHC: 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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:	4 °C
Expiry Date:	12 months