

Datasheet for ABIN720101

anti-DICER1 antibody (AA 1301-1400)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DICER1
Binding Specificity:	AA 1301-1400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DICER1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DICER1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	DICER1
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Target Details

Alternative Name:	DICER1 (DICER1 Products)
Background:	<p>Synonyms: DCR1, MNG1, Dicer, HERNA, RMSE2, Dicer1e, K12H4.8-LIKE, Endoribonuclease Dicer, Helicase with RNase motif, Helicase MOI, DICER1, KIAA0928</p> <p>Background: Double-stranded RNA (dsRNA) endoribonuclease playing a central role in short dsRNA-mediated post-transcriptional gene silencing. Cleaves naturally occurring long dsRNAs and short hairpin pre-microRNAs (miRNA) into fragments of twenty-one to twenty-three nucleotides with 3' overhang of two nucleotides, producing respectively short interfering RNAs (siRNA) and mature microRNAs. SiRNAs and miRNAs serve as guide to direct the RNA-induced silencing complex (RISC) to complementary RNAs to degrade them or prevent their translation. Gene silencing mediated by siRNAs, also called RNA interference, controls the elimination of transcripts from mobile and repetitive DNA elements of the genome but also the degradation of exogenous RNA of viral origin for instance. The miRNA pathway on the other side is a mean to specifically regulate the expression of target genes.</p>
Gene ID:	23405
UniProt:	Q9UPY3
Pathways:	Regulatory RNA Pathways , Stem Cell Maintenance , Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months