

Rabbit anti-Human, Mouse Dicer Polyclonal Antibody | anti-Dicer antibody

Rabbit anti-Dicer Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211685	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

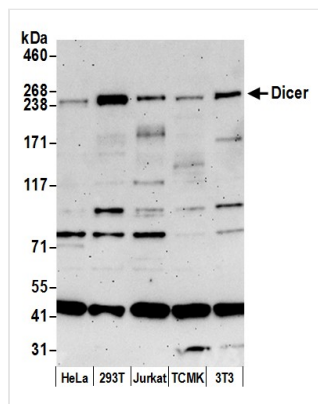
PRODUCT SYNONYMS

Dicer; Polyclonal Antibody; Rabbit anti-Dicer Antibody; Affinity Purified; helicase MOI; MNG1; RMSE2; K12H4.8-LIKE; HERNA; helicase with RNase motif; Dicer1e; Dicer1; Dcr-1 homolog; dicer 1; ribonuclease type III; double-stranded RNA-specific endoribonuclease; DCR1; endoribonuclease Dicer; Endoribonuclease Dicer; ribonuclease III; anti-Dicer antibody

PRODUCT SPECIFICATIONS

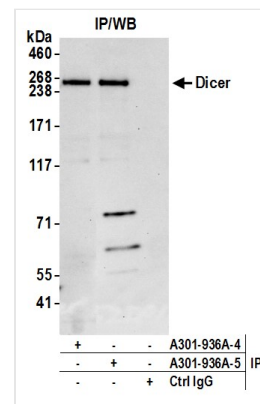
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Dicer antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 600 and 650
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Dicer by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Dicer antibody AAA211685 (lot AAA211685-5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Dicer by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Dicer antibody AAA211685 (lot AAA211685-5) used for IP at 6 ug per reaction. Dicer was also immunoprecipitated by a previous lot of this antibody (lot AAA211685-4). For blotting immunoprecipitated Dicer, AAA211685 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Dicer antibody	Dicer is one of three human RNase III enzymes (Drosha, Dicer, and Argonaute) that plays a diverse role in the processing and maturation of RNA. Dicer is involved in processing pre-cursor mRNAs into both microRNAs (miRNAs) and short interfering RNAs (siRNAs) for the gene-silencing pathways of RNA interference (RNAi). Dicer interacts with Argonaute 2 (Ago2) and TRBP (TAR RNA-binding protein).
Product Categories/Family for anti-Dicer antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29294649
NCBI GeneID	23405
NCBI Accession #	NP_085124.2
NCBI GenBank Nucleotide #	NM_030621.4
UniProt Accession #	Q9UPY3; O95943; Q9UQ02; A7E2D3; B3KRG4; E0AD28
Molecular Weight	92,726 Da
NCBI Official Full Name	endoribonuclease Dicer isoform 1
NCBI Official Synonym Full Names	dicer 1, ribonuclease type III
NCBI Official Symbol	DICER1
NCBI Official Synonym Symbols	DCR1; MNG1; Dicer; HERNA; RMSE2; Dicer1e; K12H4.8-LIKE
NCBI Protein Information	endoribonuclease Dicer; helicase MOI; Dicer1, Dcr-1 homolog; helicase with RNase motif; dicer 1, double-stranded RNA-specific endoribonuclease
UniProt Protein Name	Endoribonuclease Dicer
UniProt Gene Name	DICER1
UniProt Synonym Gene Names	DICER; HERNA; KIAA0928; Helicase MOI
UniProt Entry Name	DICER_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dicer-antibody-immunoprecipitation-western-blot-elisa/211685>