

Product datasheet for **TA326471**

Dicer (DICER1) Mouse Monoclonal Antibody [Clone ID: S167-7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S167-7
Recommended Dilution:	WB: 1ug/ml
Reactivity:	Mouse, Rat, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1638-1899 of mouse Endoribonuclease Dicer
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	dicer 1, ribonuclease III
Database Link:	NP_001258211 Entrez Gene 192119 Mouse Entrez Gene 299284 Rat Entrez Gene 23405 Human Q9UPY3
Background:	Dicer is a member of the RNase III family that specifically cleaves double-stranded RNAs to generate microRNAs (miRNAs) . After long primary transcript pri-miRNAs are processed to stem-looped pre-miRNAs by Drosha , pre-miRNAs are transported to the cytoplasm and further processed by Dicer to produce 22-nucleotide mature miRNAs . The mature miRNA then becomes a part of the RNA-Induced Silencing Complex (RISC) and can bind to the 3' UTR of the target mRNA .
Synonyms:	DCR1; Dicer; Dicer1e; HERNA; K12H4.8-LIKE; MNG1; RMSE2
Note:	Detects ~215kDa.
Protein Families:	Druggable Genome



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