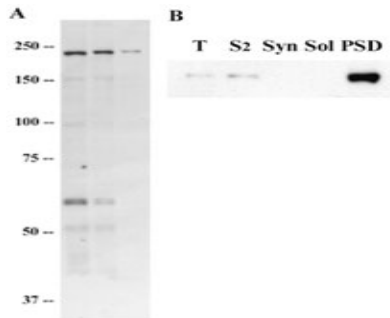


Chicken polyclonal antibody to mouse Dicer protein (1388-1405): Affinity purified

Catalogue No.:	C-1557-100
Description:	Dicer is the rate limiting enzyme in the formation of mature microRNAs.
Batch No.:	See product label.
Unit size:	100 uL
Antigen:	A synthetic peptide from mouse Dicer protein (1388-1405 aa) conjugated to KLH.
Sequence:	C-NQDKSNSEKWEKDEMTKD
Other Names:	Endoribonuclease Dicer; Double-strand-specific ribonuclease mDCR-1; Dicer1; Mdcr;
Accession:	Q8R418 DICER_MOUSE;
Produced in:	Chicken
Applications:	Western Blotting (WB), Immunohistochemistry (IHC) and Immunoprecipitation (IP). The recommended concentration for IHC in formalin fixed and paraffin embedded tissues and formalin/acetone fixed tissues is 1:200-1:500. For WB, the recommended concentration is 1:1,000 to 1:3,000. Mouse Dicer Protein has a predicted length of 1916 residues and the MW of the monomer is 218 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Featured Articles:	Toward understanding post-transcriptional gene expression From purple petunias to the brain and memory; slicing and dicing our way toward understanding post-transcriptional gene expression ...read more...
Specificity:	Specificity confirmed by IHC and WB in mouse brain.
Cross-reactivity:	Mouse; Rat;
Form:	Lyophilised from PBS, 0.02% sodium azide
Reconstitution:	Reconstitute in 100 uL of sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase
Specific References:	1. Lugli G. et al (2008) Expression of microRNAs and their precursors in synaptic fractions of adult mouse forebrain. J Neurochem. Jul;106(2):650-61.2. Lugli G. et al (2005) Dicer and eIF2c are enriched at postsynaptic densities in adult mouse brain and are modified by neuronal activity in a calpain-dependent manner. J Neurochem. Aug;94(4):896-905.

FOR RESEARCH USE ONLY

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Western blotting with Chicken polyclonal antibody to mouse Dicer protein (C-1557-100) in mouse brain extracts. Figure A: Mouse brain cytosolic extract. Detection at 0.03 µg/ml. Protein loaded 20 µg, 10 µg and 5 µg. Figure B: Mouse brain subcellular fractionation. Detection at 0.03 µg/ml. Protein loaded 10 µg.

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