

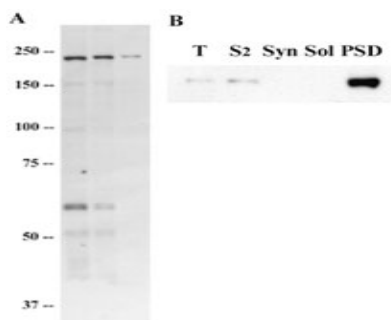


Chicken polyclonal antibody to mouse Dicer protein (1388-1405): Affinity purified

| | |
|-----------------------------|---|
| 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; Mdc1; |
| 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

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



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 0.03µg/ml. Protein loaded 20µg, 10µg and 5µg. Figure B: Mouse brain subcellular fractionation. Detection at 0.03µg/ml. Protein loaded 10µg.

biosensis

FOR RESEARCH USE ONLY