

## eIF2C2 Rabbit monoclonal antibody

Catalog: MB66317

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Small non-coding RNAs are important regulators of gene expression in higher eukaryotes. Several classes of small RNAs, including short interfering RNAs (siRNAs), microRNAs (miRNAs), and Piwi-interacting RNAs (piRNAs), have been identified. MicroRNAs are about 21 nucleotides in length and have been implicated in many cellular processes such as development, differentiation, and stress response. MicroRNAs regulate gene expression by modulating mRNA translation or stability. MicroRNAs function together with the protein components in the complexes called micro-ribonucleoproteins (miRNPs). Among the most important components in these complexes are Argonaute proteins. There are four members in the mammalian Argonaute family and only Argonaute 2 (Ago2) possesses the Slicer endonuclease activity. Argonaute proteins participate in the various steps of microRNA-mediated gene silencing, such as repression of translation and mRNA turnover.

### Product:

Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.

### Molecular Weight:

~ 97 kDa

### Swiss-Prot:

Q9UKV8

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

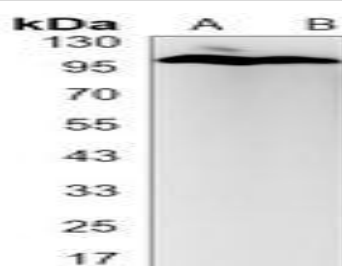
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of eIF2C2 protein.

### DATA:



Western blot analysis of eIF2C2 expression in PC3 (A), C6 (B) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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