

RACO0138

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA

Recommended dilutions:**Protein Background:**

Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) and represses the translation of mRNAs which are complementary to them. Proposed to be involved in stabilization of small RNA derivatives (siRNA) derived from processed RNA polymerase III-transcribed Alu repeats containing a DR2 retinoic acid response element (RARE) in stem cells and in the subsequent siRNA-dependent degradation of a subset of RNA polymerase II-transcribed coding mRNAs by recruiting a mRNA decapping complex involving EDC4. Possesses RNA slicer activity but only on select RNAs bearing 5'- and 3'-flanking sequences to the region of guide-target complementarity .

Gene ID:

AGO3

Uniprot

Q9H9G7

Synonyms:

Protein argonaute-3UniRule annotation, Argonaute RISC catalytic component 3, Eukaryotic translation initiation factor 2C 3UniRule annotation, AGO3, EIF2C3

Immunogen:

A synthesized peptide derived from human AGO3.

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images

N/A

N/A