



AGO3 Recombinant Monoclonal Antibody

Product Code	CSB-RA875700A0HU
Abbreviation	Protein argonaute-3
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9H9G7
Immunogen	A synthesized peptide derived from human AGO3
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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 (PubMed:29040713).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Protein argonaute-3UniRule annotation, Argonaute RISC catalytic component 3, Eukaryotic translation initiation factor 2C 3UniRule annotation, AGO3, EIF2C3
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	AGO3
Clone No.	4F7
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.