

# AGO3 Rabbit mAb

Catalog # AP77544

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9H9G7</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human EIF2C3
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	97360

## Additional Information

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<b>Gene ID</b>	192669
<b>Other Names</b>	AGO3
<b>Dilution</b>	WB~~1/500-1/1000
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

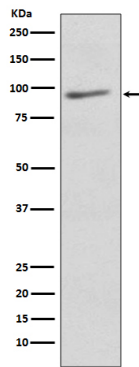
## Protein Information

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<b>Name</b>	AGO3
<b>Synonyms</b>	EIF2C3
<b>Function</b>	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: <a href="#">29040713</a> ).
<b>Cellular Location</b>	Cytoplasm, P-body {ECO:0000255   HAMAP- Rule:MF_03032,

## Images

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