



## Anti-AGO3 (aa 1-100) polyclonal antibody (DPAB-DC818)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene.
<b>Immunogen</b>	EIF2C3 (NP_079128, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is MEIGSAGPAGAQPLLMVPRRPGYGTMGKPIKLLANCQVEIPKIDVYLYEVDIKPKCPR RVNREVVDSMVQHFKVTIFGDRRPVYDGKRSLYTANPLPV
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">AGO3 argonaute RISC catalytic component 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	AGO3
<b>Synonyms</b>	AGO3; argonaute RISC catalytic component 3; EIF2C3; protein argonaute-3; hAgo3; eIF2C 3; eIF-2C 3; argonaute3; argonaute 3; eukaryotic translation initiation factor 2C, 3;
<b>Entrez Gene ID</b>	<a href="#">192669</a>
<b>Protein Refseq</b>	<a href="#">NP_079128</a>
<b>UniProt ID</b>	<a href="#">B4E1P5</a>
<b>Chromosome Location</b>	1p34
<b>Pathway</b>	Adaptive Immune System; Cellular Senescence; DAP12 interactions; Disease.
<b>Function</b>	miRNA binding; poly(A) RNA binding; protein binding;

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