

## OriGene Technologies, Inc.

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## Product datasheet for TA305672

## AGO1 Goat Polyclonal Antibody

## **Product data:**

Product Type:	Primary Antibodies	
Applications:	WB	
Recommended Dilution:	WB: 0.3-1ug/ml.	
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)	
Host:	Goat	
lsotype:	IgG	
Clonality:	Polyclonal	
Immunogen:	Peptide with sequence C-KNASYNLDPYIQEF, from the internal region of the protein sequence according to NP_036331.1.	
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin	
Concentration:	lot specific	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.	
Conjugation:	Unconjugated	
Storage:	Store at -20°C as received.	
Stability:	Stable for 12 months from date of receipt.	
Gene Name:	argonaute 1, RISC catalytic component	
Database Link:	<u>NP_036331</u> <u>Entrez Gene 236511 MouseEntrez Gene 313594 RatEntrez Gene 475337 DogEntrez Gene</u> <u>26523 Human</u> <u>Q9UL18</u>	
Background:	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and argonaute 4. [provided by RefSeq]	



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	AGO1 Goat Polyclonal Antibody – TA305672	
Synonyms:	EIF2C; EIF2C1; GERP95; Q99	
Protein Families	: Druggable Genome	
Product imag	ges:	
	A B 250kDa 150kDa 100kDa 75kDa 50kDa 37kDa	HEK293 overexpressing ElF2C1 and probed with TA305672 (non-transfected HEK293 in lane B).
	25kDa	TASUSO72 (HUT-transfected HER293 IN lane B).

20kDa

15kDa

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