

Rabbit AGO1 Polyclonal Antibody | anti-AGO1 antibody

AGO1 Antibody (N-term)

CATALOG # AAA285136	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

AGO1; Polyclonal Antibody; AGO1 Antibody (N-term); Protein argonaute-1; Argonaute1; hAgo1; Argonaute RISC catalytic component 1; Eukaryotic translation initiation factor 2C 1; eIF-2C 1; eIF2C 1; Putative RNA-binding protein Q99; EIF2C1; anti-AGO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AGO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human AGO1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	27-56
Sequence Length	857
Applicable Applications for anti-AGO1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

AGO1 Antibody (N-term) (RB18965) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AGO1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of AGO1 Antibody (N-term) in K562 cell line lysates (35ug/lane). AGO1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AGO1 antibody	AGO1 is a member of the Argonaute family of proteins which play a role in RNA interference. The 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.
Product Categories/Family for anti-AGO1 antibody	Cell Biology
References	Weinmann,L., Cell 136 (3), 496-507 (2009) Horikawa,Y., Clin. Cancer Res. 14 (23), 7956-7962 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912352
NCBI GeneID	26523
NCBI Accession #	NP_036331.1
NCBI GenBank Nucleotide #	NM_012199.2
UniProt Accession #	Q9UL18; Q5TA57; Q6P4S0
Molecular Weight	97214
NCBI Official Full Name	protein argonaute-1
NCBI Official Synonym Full Names	argonaute RISC catalytic component 1
NCBI Official Symbol	AGO1
NCBI Official Synonym Symbols	Q99; EIF2C; EIF2C1; GERP95
NCBI Protein Information	protein argonaute-1
UniProt Protein Name	Protein argonaute-1
UniProt Gene Name	AGO1
UniProt Synonym Gene Names	EIF2C1; Argonaute1; hAgo1; eIF-2C 1; eIF2C 1
UniProt Entry Name	AGO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ago1-antibody-immunohistochemistry-western-blot-elisa/285136>