

Goat AGO1 / EIF2C Polyclonal Antibody | anti-AGO1 antibody

Goat Polyclonal to Human AGO1 / EIF2C

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51604	Goat	Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat	ELISA, Immunohistochemistry

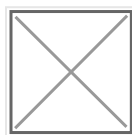
PRODUCT SYNONYMS

AGO1 / EIF2C; Polyclonal Antibody; Goat Polyclonal to Human AGO1 / EIF2C; Anti-AGO1 / EIF2C Antibody (Internal) IHC-plus; AGO1; Argonaute 1; EIF-2C 1; EIF2C1; GERP95; EIF2C; EIF2C 1; HAgO1; Q99; Argonaute1; Protein argonaute-1; Human AGO1; anti-AGO1 antibody

PRODUCT SPECIFICATIONS

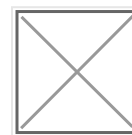
Host	Goat
Reactivity	Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Specificity	Human EIF2C1 / AGO1. This product is not expected to cross-react with EIF2C2, EIF2C3 and EIF2C4.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	857
Applicable Applications for anti-AGO1 antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-KNASYNLDPYIQEF from an internal region of human EIF2C1 / AGO1 (NP_036331.1).
Immunogen Type	Synthetic peptide
Immunogen	AGO1 / EIF2C antibody was raised against synthetic peptide C-KNASYNLDPYIQEF from an internal region of human EIF2C1 / AGO1 (NP_036331.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Bat, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Xenopus (100%); Stickleback, Pufferfish, Zebrafish (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-EIF2C1 / AGO1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.



IHC (Immunohistochemistry)

Anti-EIF2C1 / AGO1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-AGO1 antibody	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.
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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	97,214 Da
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; hAgo1; eIF2C 1; eIF-2C 1; argonaute1; argonaute 1; putative RNA-binding protein Q99; Golgi Endoplasmic Reticulum protein 95 kDa; eukaryotic translation initiation factor 2C, 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ago1-eif2c-antibody-immunohistochemistry-elisa/51604>