

Rabbit EIF2C2 Polyclonal Antibody | anti-Ago2 antibody

EIF2C2 Antibody (N-term)

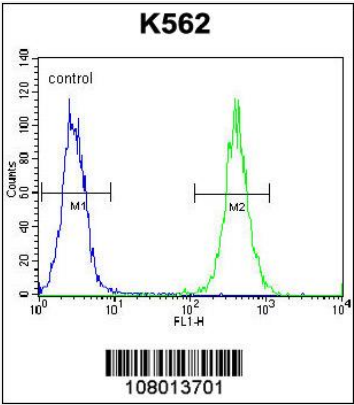
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289596	Rabbit	Human (Predicted Reactivity: Bovine, Rabbit, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

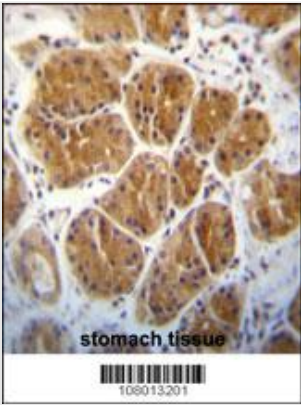
EIF2C2; Polyclonal Antibody; EIF2C2 Antibody (N-term); Protein argonaute-2 {ECO:0000255|HAMAP-Rule:MF_03031}; Argonaute2 {ECO:0000255|HAMAP-Rule:MF_03031}; mAgo2; 3126n2 {ECO:0000255|HAMAP-Rule:MF_03031}; Argonaute RISC catalytic component 2; Eukaryotic translation initiation factor 2C 2 {ECO:0000255|HAMAP-Rule:MF_03031}; eIF-2C 2 {ECO:0000255|HAMAP-Rule:MF_03031}; eIF2C 2 {ECO:0000255|HAMAP-Rule:MF_03031}; Piwi/argonaute family protein mEIF2C2; Protein slicer {ECO:0000255|HAMAP-Rule:MF_03031}; Ago2; Eif2c2; Kiaa4215; anti-Ago2 antibody

PRODUCT SPECIFICATIONS

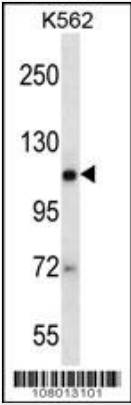
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF2C2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-59 amino acids from the N-terminal region of human EIF2C2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	27-59
Sequence Length	860
Applicable Applications for anti-Ago2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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.



FCM/FACS (Flow Cytometry)
EIF2C2 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
EIF2C2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of EIF2C2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
EIF2C2 Antibody (N-term Q41) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the EIF2C2 antibody detected the EIF2C2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Ago2 antibody	EIF2C2 is 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.
References	Rivas, F.V., et al., Nat Struct Mol Biol 12(4):340-349 (2005). Liu, J., et al., Science 305(5689):1437-1441 (2004). Nelson, P.T., et al., RNA 10(3):387-394 (2004). Sasaki, T., et al., Genomics 82(3):323-330 (2003). Doi, N., et al., Curr. Biol. 13(1):41-46 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842353
NCBI GeneID	239528
NCBI Accession #	NP_694818.3
NCBI GenBank Nucleotide #	NM_153178.4
UniProt Accession #	Q8CJG0; Q4VAB3; Q571J6; A1A563
Molecular Weight	97304

NCBI Official Full Name	protein argonaute-2
NCBI Official Synonym Full Names	argonaute RISC catalytic subunit 2
NCBI Official Symbol	Ago2
NCBI Official Synonym Symbols	Eif2c2; Gerp95; Gm10365; AI225898; AL022874; AW546247; mKIAA4215; 1110029L17Rik; 2310051F07Rik; ENSMUSG00000072493
NCBI Protein Information	protein argonaute-2
UniProt Protein Name	Protein argonaute-2
UniProt Gene Name	Ago2
UniProt Synonym Gene Names	Eif2c2; Kiaa4215; Argonaute2; mAgo2; eIF-2C 2; eIF2C 2
UniProt Entry Name	AGO2_MOUSE

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/eif2c2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289596>