

Rabbit AGO2 Polyclonal Antibody | anti-EIF2C2 antibody

AGO2 Polyclonal Antibody

CATALOG # AAA279954	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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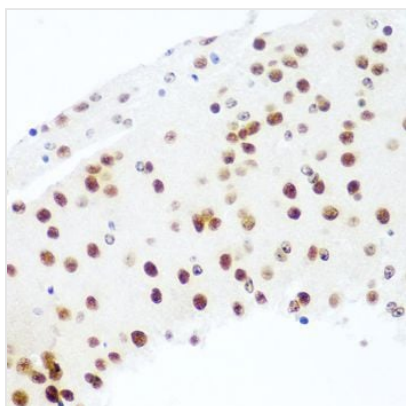
PRODUCT SYNONYMS

AGO2; Polyclonal Antibody; AGO2 Polyclonal Antibody; CASC7; EIF2C2; LINC00980; PPD; Q10; protein argonaute-2; anti-EIF2C2 antibody

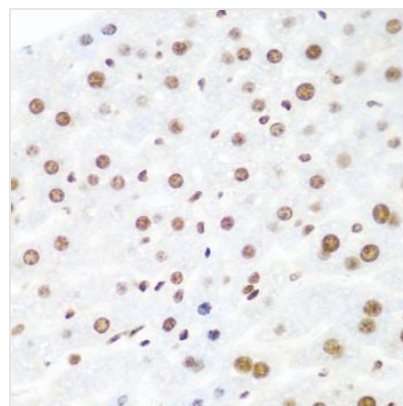
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	859
Applicable Applications for anti-EIF2C2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human EIF2C2 (NP_036286.2).
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.

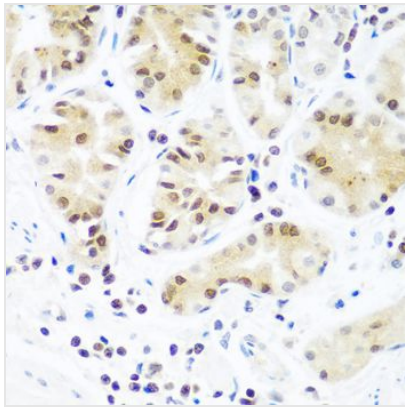
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using AGO2 antibody at dilution of 1:100 (40x lens).

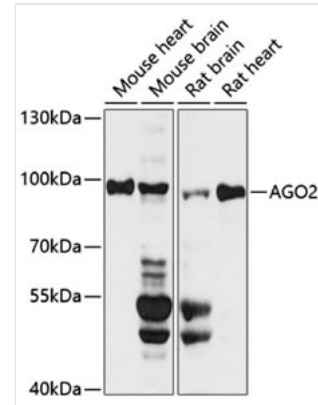

IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse liver using AGO2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using AGO2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AGO2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2C2 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. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-EIF2C2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	229463006
NCBI GeneID	27161
UniProt Accession #	Q9UKV8; Q8TCZ5; Q8WV58; Q96ID1
Molecular Weight	Observed MW: 97kDa Calculated MW: 93kDa/97kDa
NCBI Official Full Name	Protein argonaute-2
NCBI Official Synonym Full Names	argonaute RISC catalytic component 2
NCBI Official Symbol	AGO2
NCBI Official Synonym Symbols	Q10; EIF2C2
NCBI Protein Information	protein argonaute-2; PPD; hAgo2; eIF2C 2; eIF-2C 2; argonaute2; argonaute 2; protein slicer; PAZ Piwi domain protein; eukaryotic translation initiation factor 2C, 2
UniProt Protein Name	Protein argonaute-2
UniProt Gene Name	AGO2
UniProt Synonym Gene Names	; hAgo2
UniProt Entry Name	AGO2_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/ago2-antibody-immunohistochemistry-western-blot-elisa/279954>