

Rabbit anti-Human Argonaute-2 Monoclonal Antibody | anti-AGO2 antibody

Argonaute-2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282796	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

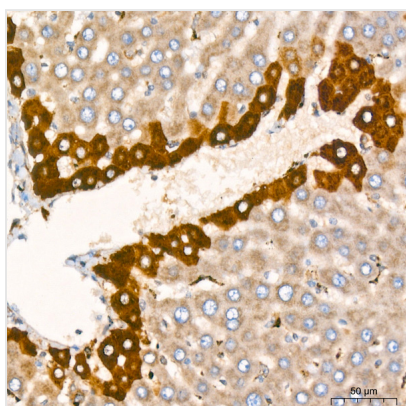
PRODUCT SYNONYMS

Argonaute-2; Monoclonal Antibody; Argonaute-2 Rabbit mAb; PPD; Q10; CASC7; EIF2C2; LESKRES; LINC00980; Ago 2; anti-AGO2 antibody

PRODUCT SPECIFICATIONS

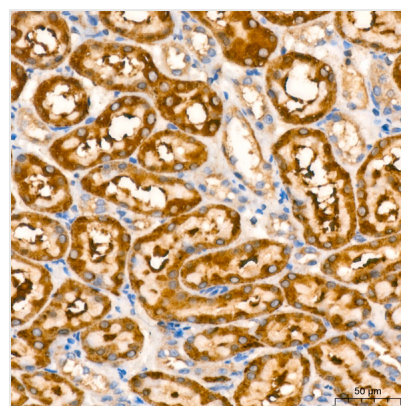
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	QRCIKKLDN QTSTMIRATA RSAPDRQEEI SKLMRSASFN TDPYVREFGI MVKDEMTDVT GRVLQPPSIL YGGRNKAIAT PVQGVWDMRN KQFHTGIEIK V
Applicable Applications for anti-AGO2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human Argonaute-2 (Q9UKV8).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



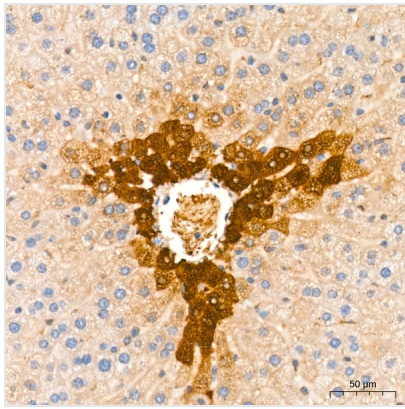
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using Argonaute-2 Rabbit mAb (AAA282796) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



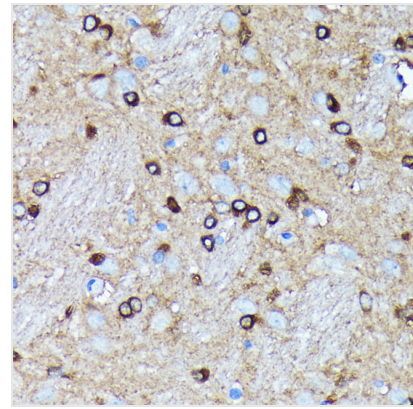
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using Argonaute-2 Rabbit mAb (AAA282796) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



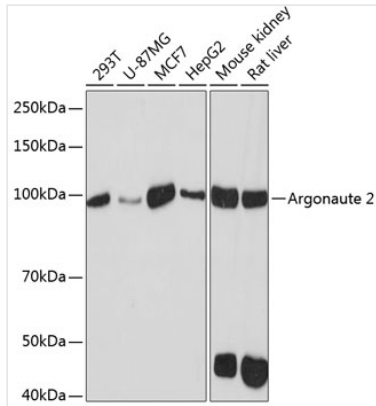
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Argonaute-2 Rabbit mAb (AAA282796) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain using Argonaute-2 Rabbit mAb (AAA282796) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using Argonaute-2 Rabbit mAb (AAA282796) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-AGO2 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-AGO2 antibody

[Epigenetics Nuclear Signaling](#); [RNA Binding](#); [Nuclear Receptor Signaling](#); [Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	229463006
NCBI GeneID	27161
UniProt Accession #	Q9UKV8; Q8TCZ5; Q8WV58; Q96ID1
Molecular Weight	Calculated MW: 97kDa Observed MW: 97kDa
UniProt Protein Name	Protein argonaute-2
UniProt Gene Name	AGO2
UniProt Synonym Gene Names	; hAgo2

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/monoclonal/argonaute-2-antibody-immunohistochemistry-western-blot-elisa/282796>