

Rabbit anti-Human eIF2C3 Monoclonal Antibody | anti-AGO3 antibody

eIF2C3 Rabbit mAb

CATALOG # AAA282838	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

eIF2C3; Monoclonal Antibody; eIF2C3 Rabbit mAb; EIF2C3; Argonaute3; hAgo3; anti-AGO3 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	RTERVGRSGN IPAGTTVDTD ITHPYEFDY LCSHAGIQGT SRPSHYHVLW DDNCFTADEL QLLTYQLCHT YVRCTRSVSI PAPAYYAHV AFRARYHLVD KEHDSAEGSH VSGQSNGRDP QALAKAVQIH QDTLRTMYFA
Applicable Applications for anti-AGO3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 721-860 of human eIF2C3 (Q9H9G7).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using eIF2C3 Rabbit mAb (AAA282838) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using eIF2C3 Rabbit mAb (AAA282838) 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: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-AGO3 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, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-AGO3 antibody	Epigenetics Nuclear Signaling ; RNA Binding ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29294647
NCBI GeneID	192669
NCBI Accession #	NP_079128.2
NCBI GenBank Nucleotide #	NM_024852.3
UniProt Accession #	Q9H9G7; Q5TA55; Q9H1U6; B1ALI0
Molecular Weight	Calculated MW: 97kDa Observed MW: 97kDa
UniProt Protein Name	Protein argonaute-3
UniProt Gene Name	AGO3
UniProt Synonym Gene Names	EIF2C3; Argonaute3; hAgo3; eIF-2C 3; eIF2C 3
UniProt Entry Name	AGO3_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/monoclonal/eif2c3-antibody-immunohistochemistry-western-blot-elisa/282838>