AGO2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AGO2, Polyclonal Antibody
Full Product Name	Rabbit Anti AGO2 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Western Blot, IHC, Immunofluorescence)
Product Gene Name	anti-AGO2 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	It is a polyclonal antibody in a liquid format, buffered in PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	93,620 Da
Immunogen	Recombinant fusion protein of human Argonaute-2 (NP_036286.2).
Applications Tested/Suitable for anti-AGO2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
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. This product can be used in analytical tools such as Western Blot, IHC, Immunofluorescence.
Other Notes	Small volumes of anti-AGO2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AGO2 purchase	MBS8422278 is an antibody targeting AGO2. Also known as Rabbit Anti AGO2 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Western Blot, IHC, Immunofluorescence). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AGO2. It may not necessarily be applicable to this product.

NCBI GI #	257467480
NCBI GeneID	27161
NCBI Accession #	NP_036286.2
UniProt Secondary Accession #	Q8TCZ5; Q8WV58; Q96ID1
UniProt Related Accession #	Q9UKV8
GenBank Nucleotide #	NM_012154
NCBI Official Full Name	Homo sapiens argonaute RISC catalytic component 2 (AGO2), transcript variant 1, mRNA
NCBI Official Synonym Full Names	argonaute RISC catalytic component 2

NCBI Official Symbol	AGO2
NCBI Official Synonym Symbols	Q10; EIF2C2
Protein Family	Protein argonaute
NCBI Protein Information	protein argonaute-2; PAZ Piwi domain protein; PPD; argonaute 2; argonaute2; eIF-2C 2; eIF2C 2; eukaryotic translation initiation factor 2C, 2; hAgo2; protein slicer
NCBI Summary for AGO2	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. [provided by RefSeq, Sep 2009]
Research Articles on AGO2	**1.** Low AGO2 expression is associated with invasive breast carcinoma.
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