

Argonaute 2 Rabbit mAb

Catalog # AP75100

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	Q9UKV8
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	97 KDa

Additional Information

Other Names	AGO2
Dilution	WB~~1:500-1:1000 IHC-P~~N/A FC~~1:50-1:100 IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

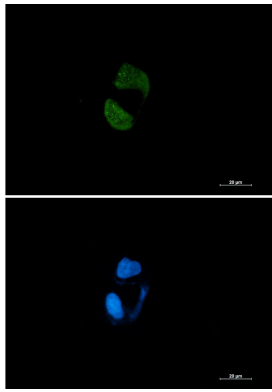
Protein Information

Background

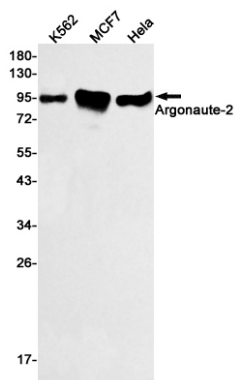
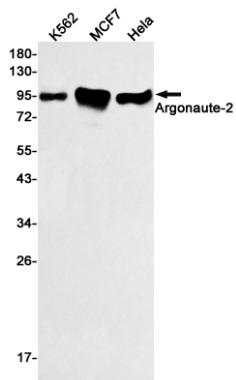
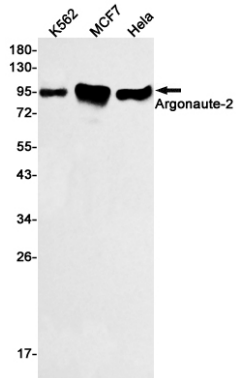
Required for RNA-mediated gene silencing (RNAi) by the RNA-induced silencing complex (RISC). Can also upregulate the translation of specific mRNAs under certain growth conditions. Binds to the AU element of the 3'-UTR of the TNF (TNF-alpha) mRNA and upregulates translation under conditions of serum starvation. Also required for transcriptional gene silencing (TGS), in which short RNAs known as antigene RNAs or agRNAs direct the transcriptional repression of complementary promoter regions.

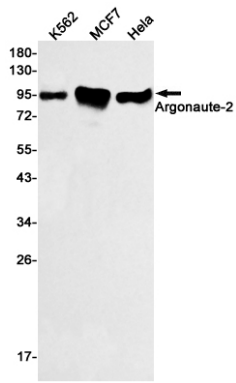
Images

Immunocytochemistry analysis of Argonaute 2 (green) in HCT116 using Argonaute 2 antibody, and DAPI(blue).



Western blot analysis of Argonaute2 in K562, MCF-7, HeLa lysates using Argonaute2 antibody.





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.