

产品名称: Argonaute 2 Rabbit Monoclonal Antibody
产品货号: AMRe01672



产品概述 (Summary)

产品名称 (Production Name)	Argonaute 2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AGO2
别名 (Alternative Names)	Ago 2; Argonaute 2; dAgo2; eIF2C 2; hAgo2; PPD
基因 ID (Gene ID)	27161
蛋白 ID (SwissProt ID)	Q9UKV8.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 97 kDa; Observed MW: 97 kDa

研究背景 (Background)

Required for RNA-mediated gene silencing (RNAi) by the RNA-induced silencing complex (RISC). Can also upregulate the

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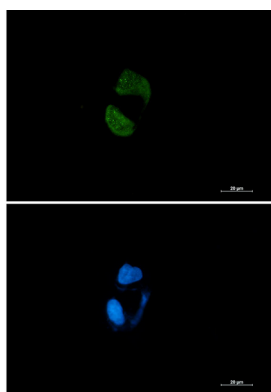


translation of specific mRNAs under certain growth conditions. Binds to the AU element of the 3'-UTR of the TNF (TNF- α) mRNA and upregulates translation under conditions of serum starvation. Also required for transcriptional gene silencing (TGS), in which short RNAs known as antigenic RNAs or agRNAs direct the transcriptional repression of complementary promoter regions.

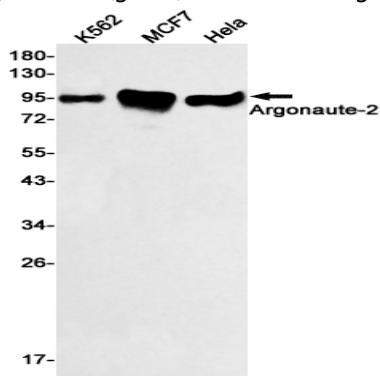
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



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.

注意事项 (Note)

For research use only .