antibodies - online.com







anti-AGO1 antibody (AA 251-400)



Image



Overview

Quantity:	100 μL
Target:	AGO1 (EIF2C1)
Binding Specificity:	AA 251-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGO1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Protein argonaute-1 protein (251-400AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AGO1 (EIF2C1)
Alternative Name:	AGO1 (EIF2C1 Products)
Background:	Background: Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) or short interfering RNAs (siRNAs), and represses the translation of

mRNAs which are complementary to them. Lacks endonuclease activity and does not appear to cleave target mRNAs. Also required for transcriptional gene silencing (TGS) of promoter regions which are complementary to bound short antigene RNAs (agRNAs).

Aliases: AGO1 antibody, AGO1_HUMAN antibody, Argonaute 1 antibody, Argonaute 1 RISC catalytic component antibody, Argonaute1 antibody, eIF 2C 1 antibody, eIF-2C 1 antibody, eIF2C 1 antibody, EIF2C antibody, Eif2c1 antibody, Eukaryotic translation initiation factor 2C 1 antibody, GERP95 antibody, Golgi Endoplasmic Reticulum protein 95 kDa antibody, hAgo1 antibody, Protein argonaute 1 antibody, Protein argonaute-1 antibody, Putative RNA binding protein Q99 antibody, Putative RNA-binding protein Q99 antibody

UniProt:

Q9UL18

Pathways:

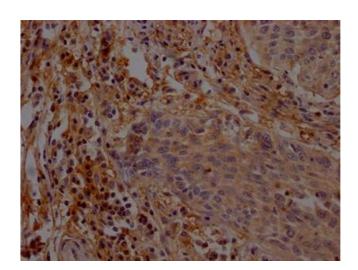
Fc-epsilon Receptor Signaling Pathway, Regulatory RNA Pathways, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Hormone Transport, Regulation of Actin Filament Polymerization, Stem Cell Maintenance, Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500,
Restrictions:	For Research Use only

Handling

Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7165087 diluted at 1:200 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.