



[Go to Product page](#)

Datasheet for ABIN7165090
anti-AGO1 antibody (AA 251-400) (HRP)

Overview

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

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

Target Details

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 antigenic 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, 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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

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.