

Datasheet for ABIN7189718

anti-AGO4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	AGO4 (EIF2C4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGO4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of Human AGO4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	AGO4 (EIF2C4)
Alternative Name:	AGO4 (EIF2C4 Products)
Background:	Background: This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic containing PAZ and PIWI domains, and it may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and

Target Details

eukaryotic translation initiation factor 2C, 1.

Aliases: AGO4_HUMAN antibody, Argonaute4 antibody, eIF-2C 4 antibody, eIF2C 4 antibody, eif2c4 antibody, Eukaryotic translation initiation factor 2C 4 antibody, hAgo4 antibody, Protein argonaute-4 antibody

UniProt: [Q9HCK5](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Regulatory RNA Pathways](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, IHC:1:25-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

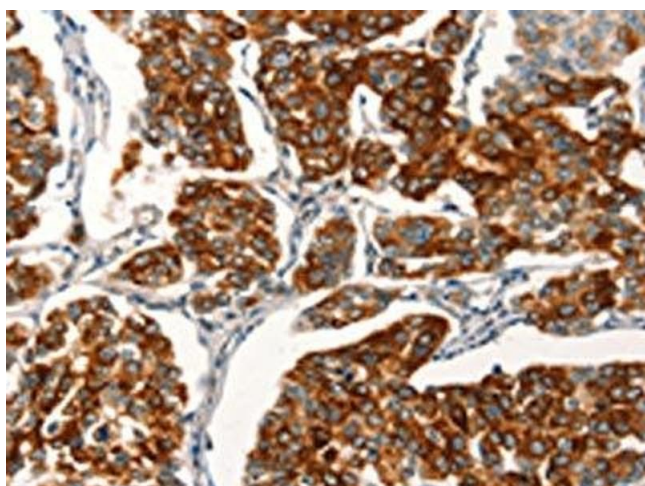
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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.

Images



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ABIN7189718(AGO4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)