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Datasheet for ABIN6971365
anti-EIF2C3 antibody (AA 1-175)

Overview

Quantity:	100 µg
Target:	EIF2C3
Binding Specificity:	AA 1-175
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	This Ago3 (Argonaute 3) antibody was raised against a recombinant protein corresponding to amino acids 1-175 of human Ago3.
Clone:	4B1-F6
Isotype:	IgG2a
Characteristics:	Argonaute 3 (Ago3, aka EIF2C3) is a member of the Argonaute family of proteins involved in RNAi mediated gene silencing through siRNA and miRNA effectors. The Argonaute proteins are part of RISC, the RNAi Induced Silencing Complex. Ago3, however, lacks RNase activity and does not appear to cleave target mRNA molecules. Ago3 has both a PAZ and a PIWI domain, indicative of the Argonaute family of proteins. Ago3 antibody (mAb) (Clone 4B1-F6) was raised in a Mouse host. It has been validated for use in Chromatin Immunoprecipitation, Immunocytochemistry, Immunofluorescence and Immunoprecipitation, it has been shown to react with Human samples.

Product Details

Purification: Protein G Chromatography

Target Details

Target: EIF2C3

Alternative Name: Ago3 ([EIF2C3 Products](#))

Molecular Weight: 110 kDa

NCBI Accession: [NP_079128](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.

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

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.