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AGO3 (N1) Antibody, Rabbit Polyclonal

Cat#: R0275-1

Quantity: 100 ul

Predicted M.W.: 97 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9H9G7

Background:

Protein argonaute-3 (AGO3) is also known as Eukaryotic translation initiation factor 2C 3 (EIF2C3), which is required for RNA-mediated gene silencing (RNAi). AGO3 binds to short RNAs such as microRNAs (miRNAs) and represses the translation of mRNAs which are complementary to them. AGO3 lacks endonuclease activity and does not appear to cleave target mRNAs.

Other Names:

EIF2C3, Protein argonaute-3, Argonaute3, hAgo3, Eukaryotic translation initiation factor 2C 3, eIF-2C 3, eIF2C 3

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human AGO3. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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Product Data:

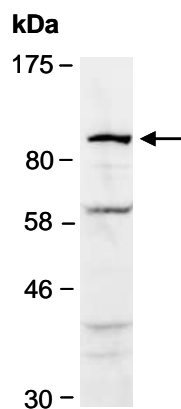


Fig 1. Western blot of total cell extracts from mouse MEF, using Ab (R0275-1) at RT for 2 h.

Last Update: 08/2011

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