
Product Name: EIF2C3 Rabbit Monoclonal Antibody**Catalog #: AMRe83835**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.55mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	97 kDa

Antigen Information

Gene Name	EIF2C3
Alternative Names	EIF2C3; Argonaute3; Argonaute 3; AGO3; EIF-2C 3; HAGO3; EIF2C 3; Protein argonaute-3;;eIF2C3
Gene ID	
SwissProt ID	Q9H9G7
Immunogen	A synthesized peptide derived from human eIF2C3

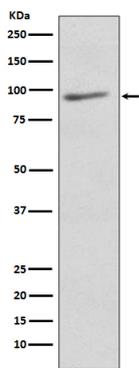
Background

Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) and represses the

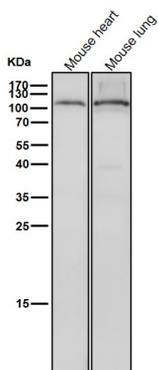
translation of mRNAs which are complementary to them. Proposed to be involved in stabilization of small RNA derivatives (siRNA) derived from processed RNA polymerase III-transcribed Alu repeats containing a DR2 retinoic acid response element (RARE) in stem cells and in the subsequent siRNA-dependent degradation of a subset of RNA polymerase II-transcribed coding mRNAs by recruiting a mRNA decapping complex involving EDC4.

Research Area

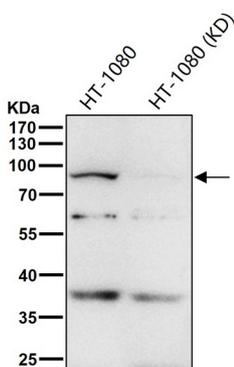
Image Data



Western blot analysis of EIF2C3 expression in Human brain lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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