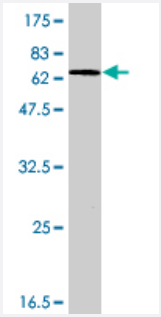
EIF2C2 polyclonal antibody (A01)

Catalog # H00027161-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (68.4 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant EIF2C2.
Immunogen	EIF2C2 (AAH07633.1, 483 a.a. ~ 859 a.a) full-length recombinant protein with GST tag.
Sequence	MPIQGQPCFCKYAQGADSVEPMFRHLKNTYAGLQLVVVILPGKTPVYAEVKRVGDTVLGMATQC VQMKNVQRTTPQTLSNLCLKINVKLGGVNNILLPQGRPPVFQQPVIFLGADVTHPPAGDGKKPSIA AVVGSMDAHPNRYCATVRVQQHRQEIIQDLAAMVRELLIQFYKSTRFKPTRIIFYRDGVSEGQFQQ VLHHELLAIREACIKLEKDYQPGITFIVVQKRHHTRLFCTDKNERVGKSGNIPAGTTVDTKITHPTEFD FYLCSHAGIQGTSRPSHYHVLWDDNRFSSDELQILTYQLCHTYVRCTRSVSIPAPAYYAHLVAFRA RYHLVDKEHDSAEGSHTSGQSNGRDHQALAKAVQVHQDTLRTMYFA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (68.4 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — EIF2C2

Entrez GeneID	27161
GeneBank Accession#	BC007633.1
Protein Accession#	AAH07633.1
Gene Name	EIF2C2
Gene Alias	AGO2, MGC3183, Q10
Gene Description	eukaryotic translation initiation factor 2C, 2
Omim ID	606229
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	argonaute 2

Publication Reference

- Small RNA Sequencing across Diverse Biofluids Identifies Optimal Methods for exRNA Isolation.

  Srinivasan S, Yeri A, Cheah PS, Chung A, Danielson K, De Hoff P, Filant J, Laurent CD, Laurent LD, Magee R, Moeller C, Murthy VL, Nejad P, Paul A, Rigoutsos I, Rodosthenous R, Shah RV, Simonson B, To C, Wong D, Yan IK, Zhang X, Balaj L, Breakefield XO, Daaboul G, Gandhi R, Lapidus J, Londin E, Patel T, Raffai RL, Sood AK, Alexander RP, Das S, Laurent LC.

  Cell 2019 Apr; 177(2):446.

  Application: IP, WB, Human, Human serum

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Disease

- Adenocarcinoma
- Carcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Kidney Neoplasms
- Lung Neoplasms
- Mouth Neoplasms
- Precancerous Conditions

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