

EIF2C2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant EIF2C2.

Catalog # AT1874a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9UKV8
Other Accession	BC007633.1
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	S2
Calculated MW	97208

Additional Information

Gene ID	27161
Other Names	Protein argonaute-2 {ECO:0000255 HAMAP-Rule:MF_03031}, Argonaute2 {ECO:0000255 HAMAP-Rule:MF_03031}, hAgo2, 3126n2 {ECO:0000255 HAMAP-Rule:MF_03031}, Argonaute RISC catalytic component 2, Eukaryotic translation initiation factor 2C 2 {ECO:0000255 HAMAP-Rule:MF_03031}, eIF-2C 2 {ECO:0000255 HAMAP-Rule:MF_03031}, eIF2C 2 {ECO:0000255 HAMAP-Rule:MF_03031}, PAZ Piwi domain protein, PPD, Protein slicer {ECO:0000255 HAMAP-Rule:MF_03031}, AGO2, EIF2C2
Target/Specificity	EIF2C2 (AAH07633.1, 1 a.a. ~ 377 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	EIF2C2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

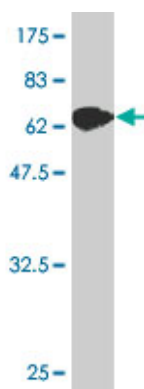
This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene.

References

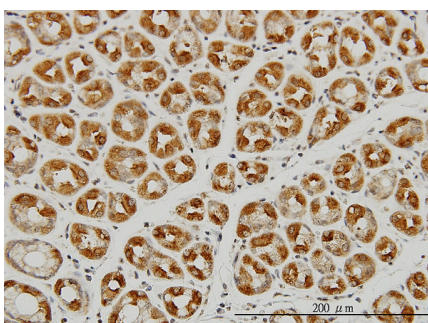
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Images

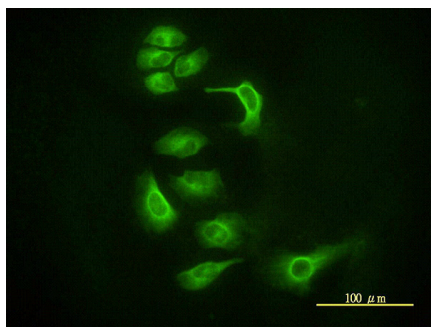


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (68.03 kDa) .

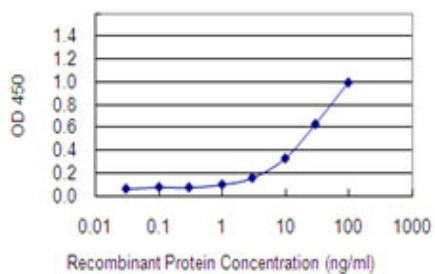


Immunoperoxidase of monoclonal antibody to EIF2C2 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

Immunofluorescence of monoclonal antibody to EIF2C2



on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged EIF2C2 is 0.3 ng/ml as a capture antibody.

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