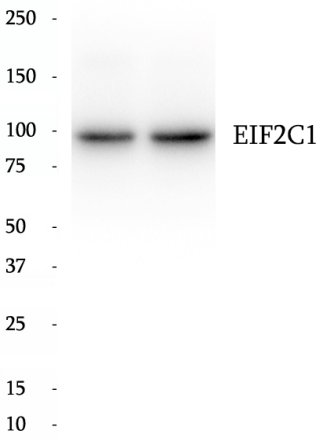


Certificate of Analysis

Catalog Number	BP61493
Product Name	Anti-EIF2C1 antibody

Physical and Chemical Properties

Molecular Weight	97 kDa
GenBank	NM_012199
Uniprot	Q9UL18
Concentration	670 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	 <p>250 - 150 - 100 - EIF2C1 75 - 50 - 37 - 25 - 15 - 10 -</p>

Product Information

Description	EIF2C1, also named as AGO1, belongs to the argonaute family and Ago subfamily. EIF2C1 is required for RNA-mediated gene silencing (RNAi). It binds to short RNAs such as microRNAs (miRNAs) or short interfering RNAs (siRNAs), and represses the translation of mRNAs which are complementary to them. Lacks endonuclease activity and does not appear to cleave target mRNAs. EIF2C1 may also be required for transcriptional gene silencing (TGS) of promoter regions which are complementary to bound short antigene RNAs (agRNAs). The antibody is specific to EIF2C1.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<http://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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