



AGO3 Polyclonal Antibody

Catalog No	YP-Ab-05582
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	EIF2C3 AGO3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	AGO3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AGO3;Argonaute 3;Argonaute3;eIF 2C 3;eIF2C 3;EIF2C3;EIF2C3-Specific;hAgo3;Protein argonaute 3;EIF2C3 AGO3;Protein argonaute-3 (Argonaute3) (hAgo3) (Eukaryotic translation initiation factor 2C 3) (eIF-2C 3) (eIF2C 3)
Observed Band	90-100 kDa
Calculated Molecular Weight	97 kDa
Cell Pathway	Cytoplasm, P-body .
Tissue Specificity	Placenta,Testis,
Function	function: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. Lacks endonuclease activity and does not appear to cleave target mRNAs.,similarity:Belongs to the argonaute family. Ago subfamily.,similarity:Contains 1 PAZ domain.,similarity:Contains 1 Piwi domain., subunit:Interacts with EIF4B, IMP8, PRMT5 and TNRC6B.,
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, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem



cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images