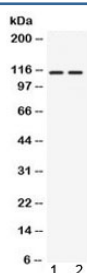


AGO4 Antibody / Argonaute 4 (R32464)

Catalog No.	Formulation	Size
R32464	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9HCK5
Applications	Western Blot : 0.5-1ug/ml
Limitations	This AGO4 antibody is available for research use only.



Western blot testing of 1) rat thymus and 2) human 22RV1 lysate with AGO4 antibody at 0.5ug/ml. Predicted molecular weight ~97 kDa, observed here at ~115 kDa.

Description

AGO4 (Argonaute 4) is also known as EIF2C4. This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic containing PAZ and PIWI domains, and it may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and eukaryotic translation initiation factor 2C, 1.

Application Notes

Optimal dilution of the AGO4 antibody should be determined by the researcher.

Immunogen

Amino acids KDQTFKVSQWVSQVSLQLLLEALAGHLNEVPDDSVQALD from the human protein were used as the immunogen for the AGO4 antibody.

Storage

Prior to reconstitution, store at 4°C. After reconstitution, the AGO4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.