

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-AGO2



Numéro de catalogue: 10686-1-AP

63 Publications

## Informations de base

Numéro de catalogue:

10686-1-AP

Taille:

150ul , Concentration: 160 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1032

Numéro d'acquisition GenBank:

BC007633

Identification du gène (NCBI):

27161

Nom complet:

eukaryotic translation initiation factor 2C, 2

MW calculé

97 kDa

MW observés:

94-97 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:200-1:1000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

CLIP, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris, fish

Contrôles positifs:

WB : cellules HEK-293, cellules K-562

## Informations générales

EIF2C2, also named as AGO2, belongs to the argonaute family and Ago subfamily. It is required for RNA-mediated gene silencing (RNAi) by the RNA-induced silencing complex (RISC). The 'minimal RISC' appears to include EIF2C2/AGO2 bound to a short guide RNA such as a microRNA (miRNA) or short interfering RNA (siRNA). EIF2C2 may inhibit translation initiation by binding to the 7-methylguanosine cap, thereby preventing the recruitment of the translation initiation factor eIF4-E. It also inhibits translation initiation via interaction with EIF6, which itself binds to the 60S ribosomal subunit and prevents its association with the 40S ribosomal subunit. EIF2C2 can also upregulate the translation of specific mRNAs under certain growth conditions. This antibody is specific to EIF2C2. EIF2C2 exists two isoforms and molecular weight of isoforms are 97 kDa and 94 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yu Qiu	34410682	J Cell Mol Med	RIP
Xiaoxiang Chen	30250022	Cell Death Dis	
Shuo Ma	34556632	Cell Death Dis	RIP

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

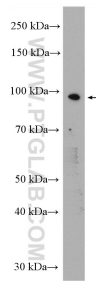
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

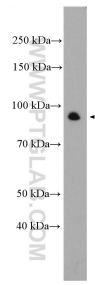
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10686-1-AP (AGO2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



K-562 cells were subjected to SDS PAGE followed by western blot with 10686-1-AP (AGO2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.