

À des fins de recherche uniquement

Anticorps Monoclonal anti-AGO2

Numéro de catalogue: 66720-1-Ig **5 Publications**



Informations de base

Numéro de catalogue: 66720-1-Ig	Numéro d'acquisition GenBank: BC007633	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 27161	CloneNo.: 4E2B2
Hôte: Mouse	Nom complet: eukaryotic translation initiation factor 2C, 2	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG2b	MW calculé 97 kDa	
Immunogen Catalog Number: AG17723	MW observés: 97 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IP, RIP

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules HepG2, cellules Jurkat, cellules MCF-7

IHC : tissu de cancer du pancréas humain, tissu de carcinome urothélial humain

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lanjuan Shen	35333985	J Bone Miner Metab	RIP
Hong-Yu Zhang	33816255	Front Oncol	IP
Hao Zhang	35799265	J Orthop Surg Res	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.

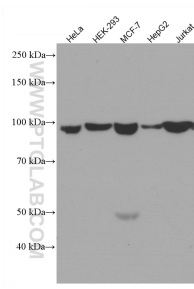
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

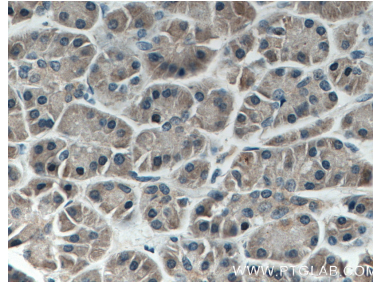
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66720-1-Ig (AGO2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 66720-1-Ig (AGO2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).