

Allgemeine Informationen

Katalog-Nr.: 10686-1-AP	GenBank-Zugangsnummer: BC007633	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 160 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 27161	Empfohlene Verdünnungen: WB 1:200-1:1000
Wirt: Kaninchen	Vollständiger Name: eukaryotic translation initiation factor 2C, 2	
Isotyp: IgG	Berechnete Masse: 97 kDa	
Immunogen Katalognummer: AG1032	Beobachtete Masse: 94-97 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, K-562-Zellen
In Publikationen genannte Anwendungen: CLIP, IP, RIP, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Fisch, Human, Maus	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

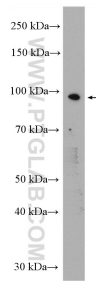
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

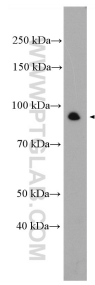
For technical support and original validation data for this product please contact:
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 E: proteintech@ptglab.com
 W: ptglab.com

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Ausgewählte Validierungsdaten



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.