

Nur für Forschungszwecke

DGCR8 N-terminal Polyklonaler Antikörper



Katalog-Nr.: 25835-1-AP

Vorgestelltes Produkt

2 Publikationen

Allgemeine Informationen

Katalog-Nr.:
25835-1-AP

Größe:
150ul, Konzentration: 700 µg/ml von
Nanodrop und 340 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG22988

GenBank-Zugangsnummer:
BC078147

GeneID (NCBI):
54487

Vollständiger Name:
DiGeorge syndrome critical region
gene 8

Berechnete Masse:
773 aa, 86 kDa

Beobachtete Masse:
88-100 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF

Getestete Reaktivität:

Human

Zitierte Arten:

Maus, Rind

Positivkontrollen:

WB: HeLa-Zellen, A431-Zellen

IP: A431-Zellen,

IF: HeLa-Zellen,

Hintergrundinformationen

DGCR8 is a RNA-binding protein that assists the RNase III enzyme Drosha in the processing of microRNAs (miRNAs), which regulate the expression of a large number of protein-coding genes [PMID: 22580560]. DGCR8, which contains two double-stranded RNA (dsRNA)-binding domains, may be an essential component of the primary miRNAs processing complex, along with Drosha, promoting the processing of primary microRNA to precursor microRNA. It is ubiquitously expressed in human and mouse tissues, and is deleted in DiGeorge syndrome [22323604]. The calculated molecular weight of DGCR8 is 82-86 kDa, but the post-modified DGCR8 is about 120 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
An Yan	36273819	Nucleic Acids Res	IF
Erika E Paulson	36322738	Proc Natl Acad Sci U S A	IF

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

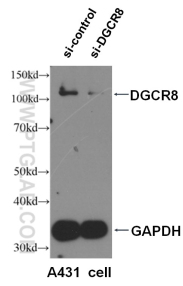
For technical support and original validation data for this product please contact:

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

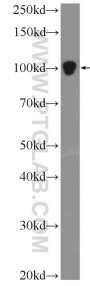
E: proteintech@ptglab.com
W: ptglab.com

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

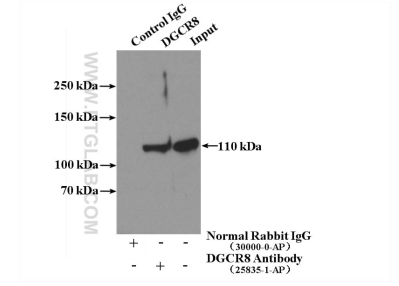
Ausgewählte Validierungsdaten



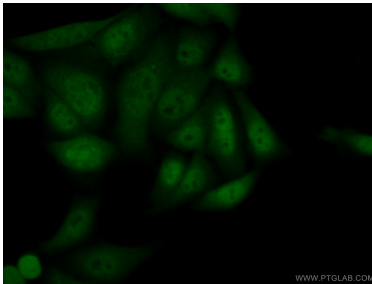
WB result of DGCR8 antibody (25835-1-AP, 1:2000) with si-control and si-DGCR8 transfected A431 cells.



HeLa cells were subjected to SDS PAGE followed by western blot with 25835-1-AP (DGCR8 N-terminal antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-DGCR8 N-terminal (IP:25835-1-AP, 4ug; Detection:25835-1-AP 1:600) with A431 cells lysate 2800ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 25835-1-AP (DGCR8 N-terminal antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).