

Nur für Forschungszwecke

DGCR8 C-terminal Polyklonaler Antikörper



Katalog-Nr.:10996-1-AP

Vorgestelltes Produkt

80 Publikationen

Allgemeine Informationen

Katalog-Nr.: 10996-1-AP	GenBank-Zugangsnummer: BC009323	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 480 µg/ml von Nanodrop;	GeneID (NCBI): 54487	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: DiGeorge syndrome critical region gene 8	IHC 1:50-1:200 IF 1:20-1:200
Isotyp: IgG	Berechnete Masse: 773 aa, 86 kDa	
Immunogen Katalognummer: AG1429	Beobachtete Masse: 120 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
ChIP, CoIP, IF, IHC, IP, RIP, WB

Getestete Reaktivität:
Human, Maus

Zitierte Arten:
Human, Maus, Ratte

Positivkontrollen:

WB : HEK-293-Zellen, A431-Zellen, HeLa-Zellen, Jurkat-Zellen, Maushodengewebe

IP : HEK-293-Zellen,

IHC : humanes Mammakarzinomgewebe, humanes Kolonkarzinomgewebe

IF : SH-SY5Y-Zellen,

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

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 miRNA 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 (PMID: 18469815).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Keita Tsujimura	26344767	Cell Rep	WB
Cazalla Demián D	21925386	Mol Cell	WB
Patricia Landry	19668211	Nat Struct Mol Biol	WB, 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**

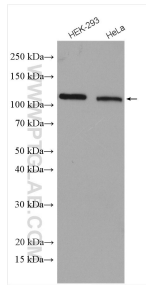
For technical support and original validation data for this product please contact:

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

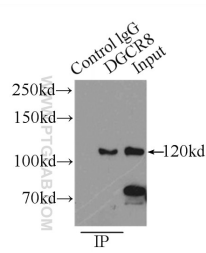
E: proteintech@ptglab.com
W: ptglab.com

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

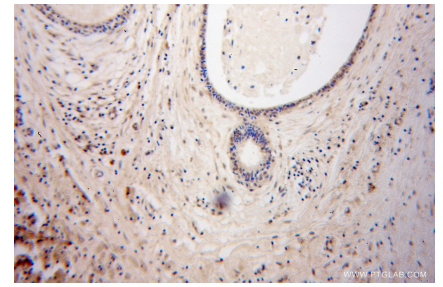
Ausgewählte Validierungsdaten



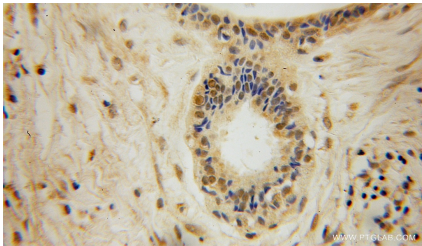
Various lysates were subjected to SDS PAGE followed by western blot with 10996-1-AP (DGCR8 C-terminal antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



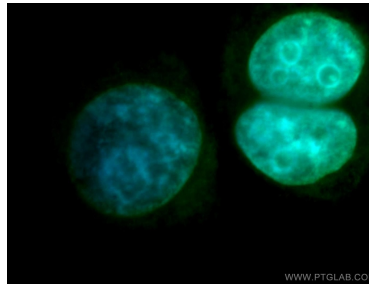
IP Result of anti-DGCR8 C-terminal (IP:10996-1-AP, 3ug; Detection:10996-1-AP 1:800) with HEK-293 cells lysate 2700ug.



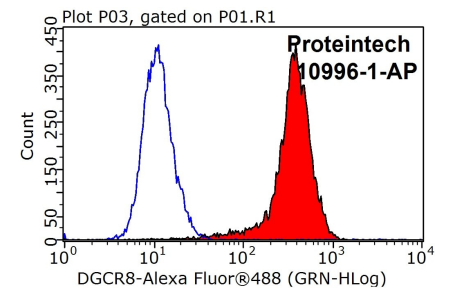
Immunohistochemical analysis of paraffin-embedded human breast cancer using 10996-1-AP (DGCR8 C-terminal antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10996-1-AP (DGCR8 C-terminal antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of SH-SY5Y cells, using DGCR8 antibody 10996-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



1X10⁶ HeLa cells were stained with 0.2ug DGCR8 C-terminal antibody (10996-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.