

DGCR8 Rabbit pAb

Catalog NO.: A18630

Basic Information

Observed MW

110kDa

Calculated MW

86kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of microRNAs from the primary microRNA transcript. The encoded protein is a double-stranded RNA binding protein that functions as the non-catalytic subunit of the microprocessor complex. This protein is required for binding the double-stranded RNA substrate and facilitates cleavage of the RNA by the ribonuclease III protein, Drosha. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID

54487

Swiss Prot

Q8WYQ5

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

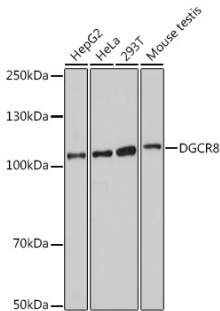
Gy1; pasha; DGCRK6; C22orf12; DGCR8

Product Information

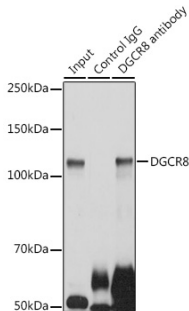
☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.		

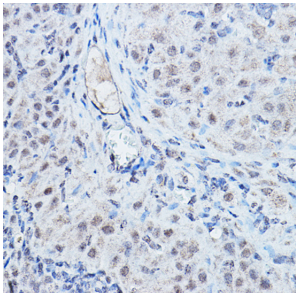
Validation Data



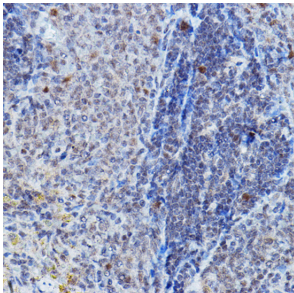
Western blot analysis of various lysates using DGCR8 Rabbit pAb (A18630) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



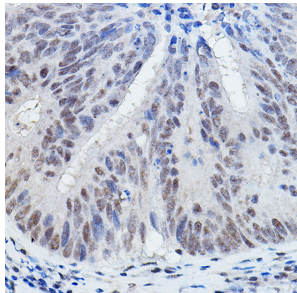
Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg DGCR8 antibody (A18630). Western blot was performed from the immunoprecipitate using DGCR8 antibody (A18630) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Rat ovary using DGCR8 Rabbit pAb (A18630) at dilution of 1:200 (40x lens). High pressure



Immunohistochemistry analysis of paraffin-embedded Rat spleen using DGCR8 Rabbit pAb (A18630) at dilution of 1:200 (40x lens). High pressure



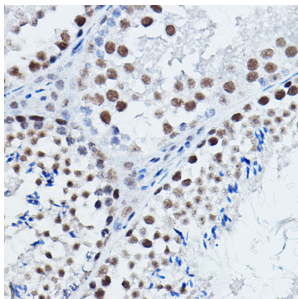
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using DGCR8 Rabbit pAb (A18630) at dilution of 1:200 (40x lens).

antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse testis using DGCR8 Rabbit pAb (A18630) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

