

Rabbit DGCR8 Polyclonal Antibody | anti-DGCR8 antibody

DGCR8 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28373	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

DGCR8; Polyclonal Antibody; DGCR8 Rabbit pAb; C22orf12; DGCRK6; Gy1; pasha; microprocessor complex subunit DGCR8; anti-DGCR8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-DGCR8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IP: 1:50-1:200
Immunogen	Recombinant protein of human DGCR8.
Cellular Location	Nucleus, nucleolus
Positive Samples	HepG2, HeLa, 293T, Mouse testis
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



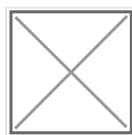
IP (Immunoprecipitation)

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



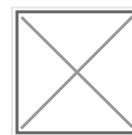
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using DGCR8 Rabbit pAb at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat spleen using DGCR8 Rabbit pAb at dilution of 1:200 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat ovary using DGCR8 Rabbit pAb at dilution of 1:200 (40x lens).

**WB (Western Blot)**

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

ADDITIONAL INFORMATION**Related Product Information for anti-DGCR8 antibody**

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	298358598
NCBI GeneID	54487
NCBI Accession #	NP_001177255.1
NCBI GenBank Nucleotide #	NM_001190326.1
UniProt Accession #	Q8WYQ5; Q6DCB2; Q6MZE9; Q6Y2L0; Q96G39; Q96GP8; Q9H6L8; Q9H6T7; Q9NRW2; B2R8G1
Molecular Weight	86045 MW
NCBI Official Full Name	microprocessor complex subunit DGCR8 isoform 2
NCBI Official Synonym Full Names	DGCR8, microprocessor complex subunit
NCBI Official Symbol	DGCR8
NCBI Official Synonym Symbols	Gy1; pasha; DGCRK6; C22orf12
NCBI Protein Information	microprocessor complex subunit DGCR8
UniProt Protein Name	Microprocessor complex subunit DGCR8
UniProt Gene Name	DGCR8
UniProt Synonym Gene Names	C22orf12; DGCRK6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dgcr8-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/28373>