

Rabbit anti-Human DGCR8 Polyclonal Antibody | anti-DGCR8 antibody

Rabbit anti-DGCR8 Antibody, Affinity Purified

CATALOG # AAA211887	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation
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PRODUCT SYNONYMS

DGCR8; Polyclonal Antibody; Rabbit anti-DGCR8 Antibody; Affinity Purified; DiGeorge syndrome critical region gene 8; pasha; Gy1; DiGeorge syndrome critical region 8; DGCRK6; C22orf12; microprocessor complex subunit DGCR8; Microprocessor complex subunit DGCR8; microprocessor complex subunit; anti-DGCR8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DGCR8 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human DGCR8 by western blot of immunoprecipitates. Samples: Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded) cells. Antibodies: Affinity purified rabbit anti-DGCR8 antibody AAA211887 used for IP at 3 ug/mg lysate. DGCR8 was also immunoprecipitated by rabbit anti-DGCR8 antibody which recognizes an upstream epitope. For blotting immunoprecipitated DGCR8, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human DGCR8 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-DGCR8 (Cat. No. AAA211887) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DGCR8 antibody

DiGeorge syndrome critical region 8 (DGCR8) is a component of the microprocessor complex that acts as a RNA- and heme-binding protein and is involved in the initial step of microRNA (miRNA) biogenesis. DGCR8 functions as a molecular anchor necessary for the recognition of pri-miRNA at dsRNA-ssRNA junctions. It directs RNASEN/DROSHA to cleave 11 bp away from the junction to release hairpin-shaped pre-miRNAs that are subsequently cut by the cytoplasmic DICER to generate mature miRNAs [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8WYQ5].

NCBI AND UNIPROT INFORMATION

NCBI GI #	298358603
NCBI GeneID	54487
NCBI Accession #	NP_073557.3
NCBI GenBank Nucleotide #	NM_022720
UniProt Accession #	Q8WYQ5; Q6DCB2; Q6MZE9; Q6Y2L0; Q96G39; Q96GP8; Q9H6L8; Q9H6T7; Q9NRW2; B2R8G1
Molecular Weight	82,750 Da
NCBI Official Full Name	Homo sapiens DGCR8 microprocessor complex subunit (DGCR8), transcript variant 1, mRNA
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; DiGeorge syndrome critical region 8; DiGeorge syndrome critical region gene 8
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dgcr8-antibody-immunohistochemistry-immunoprecipitation-elisa/211887>