

Rabbit DGCR8 Polyclonal Antibody | anti-DGCR8 antibody

DGCR8 Antibody (Center)

CATALOG # AAA284529	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Mouse)	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

DGCR8; Polyclonal Antibody; DGCR8 Antibody (Center); Microprocessor complex subunit DGCR8; DiGeorge syndrome critical region 8; C22orf12; DGCRK6; anti-DGCR8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DGCR8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 439-466 amino acids from the Central region of human DGCR8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.396 (varies by lot)
Sequence Positions	439-466
Sequence Length	740
Applicable Applications for anti-DGCR8 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

DGCR8 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of DGCR8 Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). DGCR8 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DGCR8 antibody	MicroRNAs (miRNA) are a recently discovered family of short non-protein-coding RNAs that negatively regulate gene expression. Recent studies of miRNAs highlight a requirement for cell viability. Post-transcriptional silencing of target genes by miRNAs occurs either by targeting specific cleavage of homologous mRNAs, or by targeting specific inhibition of protein synthesis.
References	Clague,J., et.al., Mol. Carcinog. 49 (2), 183-189 (2010) Shenoy,A. et.al., PLoS ONE 4 (9), E6971 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	298358598
NCBI GeneID	54487
NCBI Accession #	NP_001177255.1; NP_073557.3
NCBI GenBank Nucleotide #	NM_001190326.1
UniProt Accession #	Q8WYQ5; Q6DCB2; Q6MZE9; Q6Y2L0; Q96G39; Q96GP8; Q9H6L8; Q9H6T7; Q9NRW2; B2R8G1
Molecular Weight	86045
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
UniProt Entry Name	DGCR8_HUMAN

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.