



# Anti-DGCR8 (internal region) polyclonal antibody (DPAB-DC2327)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human DGCR8. The sequence is C-KRFDSEQVTVKKFRT
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">DGCR8 DGCR8 microprocessor complex subunit [ Homo sapiens (human) ]</a>
Official Symbol	DGCR8
Synonyms	DGCR8; DGCR8 microprocessor complex subunit; Gy1; pasha; DGCRK6; C22orf12; microprocessor complex subunit DGCR8; DiGeorge syndrome critical region 8; DiGeorge syndrome critical region gene 8;
Entrez Gene ID	<a href="#">54487</a>
Protein Refseq	<a href="#">NP_001177255</a>
UniProt ID	<a href="#">Q8WYQ5</a>
Chromosome Location	22q11.2
Pathway	Direct p53 effectors; MicroRNA (miRNA) biogenesis;
Function	double-stranded RNA binding; metal ion binding; protein binding;