



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

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

PRODUCT INFORMATION

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

GENE INFORMATION

Gene Name	DGCR8 DGCR8 microprocessor complex subunit [Homo sapiens (human)]
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	54487
Protein Refseq	NP_001177255
UniProt ID	Q8WYQ5
Chromosome Location	22q11.2
Pathway	Direct p53 effectors; MicroRNA (miRNA) biogenesis;
Function	double-stranded RNA binding; metal ion binding; protein binding;