



## DGCR8 Antibody

CATALOG NUMBER: 42-075

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 75 kDa band in human amygdala lysates after 0.2 ug/mL antibody staining. 0 kDa according to NP_073557.3. The 75 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>IMMUNOGEN:</b>	DGCR8 antibody was raised against a 15 amino acid synthetic peptide near the internal region of DGCR8.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	DGCR8 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	DGCR8 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	pasha, Gy1, DGCRK6, C22orf12, DiGeorge syndrome critical region gene 8, DGCR8, LP4941
<b>ACCESSION NO.:</b>	NP_073557.3
<b>PROTEIN GI NO.:</b>	38488720
<b>OFFICIAL SYMBOL:</b>	DGCR8
<b>GENE ID:</b>	54487

### Background

<b>REFERENCES:</b>	1) Stark KL, Xu B, Bagchi A, Lai WS, Liu H, Hsu R, Wan X, Pavlidis P, Mills AA, Karayiorgou M, Gogos JA. Altered brain microRNA biogenesis contributes to phenotypic deficits in a 22q11-deletion mouse model. Nat. Genet. 2008 Jun 40 (6): 751-60.
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FOR RESEARCH USE ONLY

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