DGCR14 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DGCR14, Polyclonal Antibody
Full Product Name	DGCR14 Polyclonal Conjugated Antibody
Product Gene Name	anti-DGCR14 antibody
Product Synonym Names	DGCR14 Conjugated Antibody; DGCR14; DGCR13; DGS-H; DGS-I; DGSH; DGSI; ES2; ESS-2; Es2el; bis1; protein DGCR14
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	52,568 Da
OMIM	601755
3D Structure	ModBase 3D Structure for Q96DF8
Immunogen	Recombinant fusion protein of human DGCR14 (NP_073210.1).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-DGCR14 antibody	Most Applications
Application Notes for anti-DGCR14 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-DGCR14 antibody	This gene is located within the minimal DGS critical region (MDGCR) thought to contain the gene (s) responsible for a group of developmental disorders. These disorders include DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome, and some familial or sporadic conotruncal cardiac defects which have been associated with microdeletion of 22q11.2. The encoded protein may be a component of C complex spliceosomes, and the orthologous protein in the mouse localizes to the nucleus. Alternatively spliced transcript variants have been found for this gene.
Other Notes	Small volumes of anti-DGCR14 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for DGCR14 purchase	MBS9439819 is an antibody targeting DGCR14. Also known as DGCR14 Polyclonal Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DGCR14. It may not necessarily be applicable to this product.

NCBI GI #	126362976
NCBI GeneID	8220
NCBI Accession #	NP_073210.1
UniProt Primary Accession #	Q96DF8
UniProt Secondary Accession #	Q49AH7; Q9BTZ4
UniProt Related Accession #	Q96DF8
GenBank Nucleotide #	NM_022719
NCBI Official Full Name	Homo sapiens DiGeorge syndrome critical region gene 14 (DGCR14), mRNA
NCBI Official Synonym Full Names	DiGeorge syndrome critical region gene 14
NCBI Official Symbol	DGCR14
NCBI Official Synonym Symbols	ES2; DGSH; DGSI; DGS-H; DGS-I; Es2el; DGCR13
UniProt Protein Name	Protein DGCR14
UniProt Synonym Protein Names	DiGeorge syndrome critical region 13; DiGeorge syndrome critical region 14; DiGeorge syndrome protein H; DGS-H; Protein ES2
Protein Family	Protein
UniProt Gene Name	DGCR14
UniProt Synonym Gene Names	DGCR13; DGSH; DGSI; ES2; DGS-H
UniProt Entry Name	DGC14_HUMAN
NCBI Protein Information	protein DGCR14; DiGeorge syndrome critical region gene 13; DiGeorge syndrome critical region gene DGSI; DiGeorge syndrome gene H; DiGeorge syndrome gene I; Protein DGCR13; diGeorge syndrome critical region 13; diGeorge syndrome critical region 14; diGeorg
NCBI Summary for DGCR14	This gene is located within the minimal DGS critical region (MDGCR) thought to contain the gene(s) responsible for a group of developmental disorders. These disorders include DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome, and some familial or sporadic conotruncal cardiac defects which have been associated with microdeletion of 22q11.2. The encoded protein may be a component of C complex spliceosomes, and the orthologous protein in the mouse localizes to the nucleus. [provided by RefSeq, Jul 2008]
Research Articles on DGCR14	**1.** Observational study of gene-disease association. (HuGE Navigator)
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