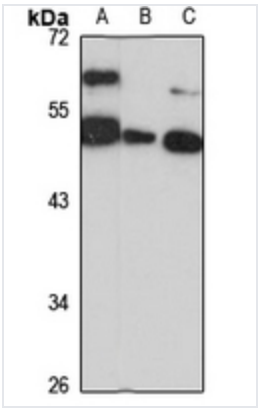
# DGCR14 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | DGCR14, Polyclonal Antibody |
| **Full Product Name** | Anti-DGCR14 Antibody |
| **Product Gene Name** | anti-DGCR14 antibody |
| **Product Synonym Names** | DGCR13; DGSH; DGSI; ES2; Protein DGCR14; DiGeorge syndrome critical region 13; DiGeorge syndrome critical region 14; DiGeorge syndrome protein H; DGS-H; Protein ES2 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| **Purity/Purification** | Purified by Immunogen Affinity Chromatography |
| **Specificity** | Recognizes endogenous levels of DGCR14 protein. |
| **Preparation and Storage** | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 52,568 Da |
| **OMIM** | 601755 |
| **3D Structure** | ModBase 3D Structure for Q96DF8 |
| **Immunogen** | Recombinant fusion protein of human DGCR14. The exact sequence is proprietary. |
| **Applications Tested/Suitable for anti-DGCR14 antibody** | Western Blot (WB) |
| **Application Notes for anti-DGCR14 antibody** | WB: 1:500-1:2000 |
| **Related Product Information for anti-DGCR14 antibody** | MBS8306457 is an antibody targeting DGCR14. Reactive in Human, Mouse. Host: Rabbit. Rabbit polyclonal antibody to DGCR14 |
| **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. |




**Western Blot (WB) of anti-DGCR14 antibody**
Western blot analysis of DGCR14 expression in A549 (A), NIH3T3 (B), mouse testis (C) whole cell lysates.

## ADDITIONAL DETAILS

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

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| **NCBI GI #** | 126362976 |
| **NCBI GeneID** | 8220 |
| **NCBI Accession #** | NP_073210.1 |
| **UniProt Primary Accession #** | Q96DF8 |
| **UniProt Secondary Accession #** | O70279 |
| **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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