

DGCR14 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13938c**Specification**

DGCR14 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q96DF8](#)**DGCR14 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 8220**Other Names**

Protein DGCR14, DiGeorge syndrome critical region 13, DiGeorge syndrome critical region 14, DiGeorge syndrome protein H, DGS-H, Protein ES2, DGCR14, DGCR13, DGSH, DGS1, ES2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13938c was selected from the Center region of DGCR14. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DGCR14 Antibody (Center) Blocking peptide - Protein Information**Name** ESS2 ([HGNC:16817](#))**Function**

May be involved in pre-mRNA splicing.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P34420}.

Tissue Location

Highly expressed in heart, brain and skeletal muscle. Detected at low levels in placenta

DGCR14 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DGCR14 Antibody (Center) Blocking peptide - Images

DGCR14 Antibody (Center) Blocking peptide - Background

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.

DGCR14 Antibody (Center) Blocking peptide - References

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Wang, H., et al. J Neural Transm 113(10):1551-1561(2006)
Jurica, M.S., et al. RNA 8(4):426-439(2002)