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

Specification

DGCR14 Antibody (Center) Blocking peptide - Product Information

Primary 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, DGSI, 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

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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 criticalregion (MDGCR) thought to contain the gene(s) responsible for agroup of developmental disorders. These disorders include DiGeorgesyndrome, velocardiofacial syndrome, conotruncal anomaly facesyndrome, and some familial or sporadic conotruncal cardiac defectswhich have been associated with microdeletion of 22q11.2. Theencoded protein may be a component of C complex spliceosomes, andthe orthologous protein in the mouse localizes to the nucleus.

DGCR14 Antibody (Center) Blocking peptide - References

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Wang, H., et al. J Neural Transm 113(10):1551-1561(2006)Jurica, M.S., et al. RNA 8(4):426-439(2002)