

DGCR14 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13938C**Specification**

DGCR14 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O96DF8
Other Accession	NP_073210.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52568
Antigen Region	217-244

DGCR14 Antibody (Center) - 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, DGS-H, DGS-I, ES2

Target/Specificity

This DGCR14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-244 amino acids from the Central region of human DGCR14.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DGCR14 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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

Function May be involved in pre-mRNA splicing.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P34420}.

Tissue Location

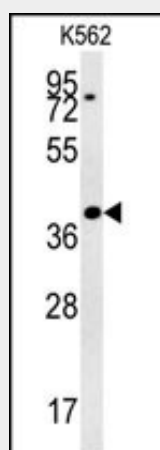
Highly expressed in heart, brain and skeletal muscle. Detected at low levels in placenta

DGCR14 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DGCR14 Antibody (Center) - Images



DGCR14 Antibody (Center) (Cat. #AP13938c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the DGCR14 antibody detected the DGCR14 protein (arrow).

DGCR14 Antibody (Center) - 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) - 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)
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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)