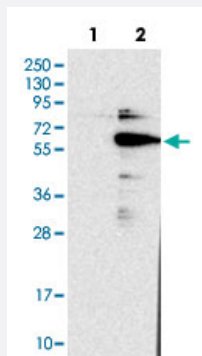


DGCR14 polyclonal antibody

Catalog # PAB28397 Size 100 uL

Applications

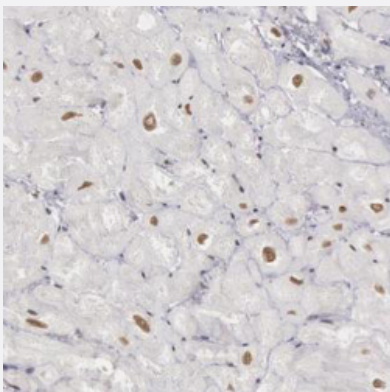


Western Blot (Transfected lysate)

Western blot analysis of HEK293T cell lysate using DGCR14 polyclonal antibody (Cat # PAB28397).

Lane 1: Negative control (vector only)

Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa))



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human heart muscle with DGCR14 polyclonal antibody (Cat # PAB28397) shows moderate nuclear positivity in myocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant DGCR14.
Immunogen	Recombinant protein corresponding to human DGCR14.
Sequence	ASASSLLLPAAASRPPRKREAGEAGAATSKQRVLDDEEYIEGLQTVIQRDFFPDVEKLQAQKEYLE AEENGDLERMQRQIAIKFGSALGKMSREPPPPYVTPATFETPEVHAGTGVVGNKPRPRGRGLEDG EAGEEEEEKEPLPSLDV
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:100-1:250) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4 °C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — DGCR14

Entrez GeneID	8220
Protein Accession#	F8WEF8
Gene Name	DGCR14
Gene Alias	DGCR13, DGS-H, DGS-I, DGSH, DGSI, ES2, Es2el
Gene Description	DiGeorge syndrome critical region gene 14
Omim ID	601755
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

DiGeorge syndrome critical region gene 13|DiGeorge syndrome critical region gene DGS1|DiGeorge syndrome critical region protein 14|DiGeorge syndrome gene H|DiGeorge syndrome gene I|P
rotein DGCR13

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [DiGeorge syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Schizophrenia](#)