

Rabbit anti-Human DGCR14 Polyclonal Antibody | anti-DGCR14 antibody

DGCR14 Antibody (Center)

CATALOG # AAA286349	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

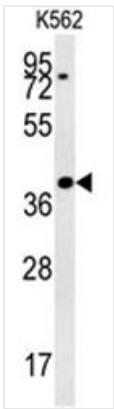
PRODUCT SYNONYMS

DGCR14; Polyclonal Antibody; DGCR14 Antibody (Center); Protein DGCR14; DiGeorge syndrome critical region 13; DiGeorge syndrome critical region 14; DiGeorge syndrome protein H; DGS-H; Protein ES2; DGCR13; DGSH; DGS1; ES2; anti-DGCR14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Length	476
Applicable Applications for anti-DGCR14 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Region	217-244
Antigen Source	HUMAN
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.
Preparation and 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.

IMAGES



WB (Western Blot)
DGCR14 Antibody (Center) (AAA286349) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the DGCR14 antibody detected the DGCR14 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DGCR14 antibody	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.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027630
NCBI GeneID	8220
NCBI Accession #	NP_073210.1
NCBI GenBank Nucleotide #	NM_022719.2
UniProt Accession #	Q96DF8; Q49AH7; Q9BTZ4
Molecular Weight	52568
NCBI Official Full Name	protein DGCR14
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
NCBI Protein Information	protein DGCR14
UniProt Protein Name	Protein DGCR14
UniProt Gene Name	DGCR14
UniProt Synonym Gene Names	DGCR13; DGSH; DGSI; ES2; DGS-H
UniProt Entry Name	DGC14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/dgcr14-antibody-western-blot-elisa/286349>