

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

Rabbit anti-DGCR14 Antibody, Affinity Purified

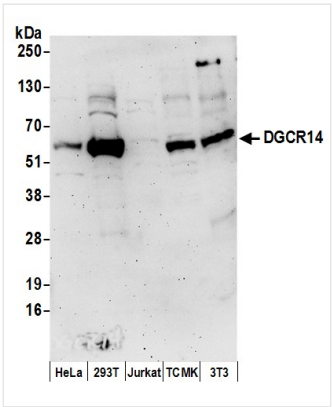
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212777	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

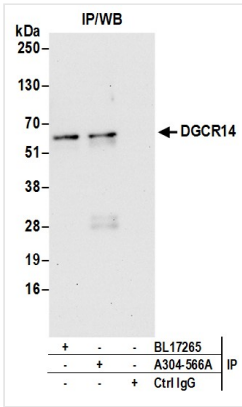
DGCR14; Polyclonal Antibody; Rabbit anti-DGCR14 Antibody; Affinity Purified; ES2; DiGeorge syndrome critical region gene DGS1; Protein ES2; protein DGCR14; Protein DGCR13; Es2el; splicing factor ESS-2 homolog; diGeorge syndrome protein H; DiGeorge syndrome gene I; DiGeorge syndrome gene H; DiGeorge syndrome critical region gene 13; DiGeorge syndrome critical region 14; DiGeorge syndrome critical region 13; DGS-I; DGS1; DGS-H; DGSH; DGCR13; bis1; ESS-2; DiGeorge syndrome critical region gene 14; Protein DGCR14; ess-2 splicing factor homolog; anti-DGCR14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DGCR14 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 426 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse DGCR14 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DGCR14 antibody AAA212777 (lot AAA212777-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human DGCR14 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DGCR14 antibody AAA212777 (lot AAA212777-1) used for IP at 6 ug per reaction. DGCR14 was also immunoprecipitated by rabbit anti-DGCR14 antibody BL17265. For blotting immunoprecipitated DGCR14, AAA212777 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DGCR14 antibody	The gene encoding DGCR14 (DiGeorge syndrome critical region gene 14) 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 DGCR14 protein may be a component of C complex spliceosomes, and the orthologous protein in the mouse localizes to the nucleus [taken from NCBI Entrez Gene (Gene ID: 8220)].
Product Categories/Family for anti-DGCR14 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	126362976
NCBI GeneID	8220
NCBI Accession #	NP_073210.1
NCBI GenBank Nucleotide #	NM_022719
UniProt Accession #	Q96DF8; Q49AH7; Q9BTZ4
Molecular Weight	52,568 Da
NCBI Official Full Name	Homo sapiens DiGeorge syndrome critical region gene 14 (DGCR14), mRNA
NCBI Official Synonym Full Names	DiGeorge syndrome critical region gene 14
NCBI Official Symbol	DGCR14
NCBI Official Synonym Symbols	ES2; DGSH; DGS1; DGS-H; DGS-I; Es2el; DGCR13
NCBI Protein Information	protein DGCR14; DiGeorge syndrome critical region gene 13; DiGeorge syndrome critical region gene DGS1; DiGeorge syndrome gene H; DiGeorge syndrome gene I; Protein DGCR13; diGeorge syndrome critical region 13; diGeorge syndrome critical region 14; diGeorg
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dgcr14-antibody-immunoprecipitation-western-blot-elisa/212777>