

DGCR2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58944

Specification

DGCR2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P98153
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DGCR2
Epitope Specificity	151-250/550
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single pass type I membrane protein.
SIMILARITY	Contains 1 C-type lectin domain. Contains 1 LDL-receptor class A domain. Contains 1 VWFC domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The DGCR2 gene encodes a novel putative adhesion receptor protein, which may play a role in neural crest cells migration, a process which has been proposed to be altered in DiGeorge syndrome. Deletions of the 22q11.2 have been associated with a wide range of developmental defects (notably DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome and isolated conotruncal cardiac defects) classified under the acronym CATCH 22.

DGCR2 Polyclonal Antibody - Additional Information

Gene ID 9993

Other Names

Integral membrane protein DGCR2/IDD, DGCR2, IDD, KIAA0163

Target/Specificity

Predominantly expressed in brain, heart, lung and fetal kidney. Low levels in liver and adult kidney.

Dilution

WB~~1:1000
IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DGCR2 Polyclonal Antibody - Protein Information

Name DGCR2

Synonyms IDD, KIAA0163

Function

Putative adhesion receptor, that could be involved in cell- cell or cell-matrix interactions required for normal cell differentiation and migration.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Predominantly expressed in brain, heart, lung and fetal kidney. Low levels in liver and adult kidney

DGCR2 Polyclonal Antibody - 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](#)

DGCR2 Polyclonal Antibody - Images