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Datasheet for ABIN1405812

anti-DGCR6L antibody (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	DGCR6L
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGCR6L antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DGCR6L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	DGCR6L
Alternative Name:	DGCR6L (DGCR6L Products)
Background:	<p>Synonyms: DGC6L_HUMAN, DGCR6L, DiGeorge syndrome critical region 6-like protein, Protein DGCR6L.</p> <p>Background: Neural crest cell migration to the third and fourth pharyngeal pouches is a critical step in the structural formation of organs that are affected in DiGeorge syndrome. DGCR6</p>

Target Details

(DiGeorge syndrome critical region 6) is a nuclear protein that plays a role in neural crest cell migration and is located at the DiGeorge syndrome critical region (DGCR) on chromosome 22. Expressed ubiquitously with highest levels in heart, liver and skeletal muscle, DGCR6 shares high homology with the Drosophila gonadal (gdl) protein and with human Laminin-1, both of which are involved in early tissue development. The gene encoding DGCR6, along with other DGCR genes, is deleted in DiGeorge syndrome, a developmental disorder characterized by improper facial, cardiac and palate formation. Upregulation of DGCR6 is implicated in lung and colon adenocarcinomas, as well as in Burkitt's lymphoma and lymphocytes transformed by EBV. Due to a duplication of the ancestral DGCR6 locus, there are two functional, highly homologous copies of the DGCR6 gene (designated DGCR6 and DGCR6L) on chromosome 22.

Gene ID: 85359

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months