

Datasheet for ABIN7448526  
**anti-DGCR8 antibody (AA 1-50)**



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## Overview

Quantity:	25 µg
Target:	DGCR8
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGCR8 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Purpose:	Rabbit anti-DGCR8 IHC Antibody, Affinity Purified
Immunogen:	Between AA 1 and 50
Isotype:	IgG
Predicted Reactivity:	Orangutan,Monkey,Gorilla,Chimpanzee,Northern white-cheeked gibbon,Crab-eating macaque
Purification:	Affinity Purified

## Target Details

Target:	DGCR8
Alternative Name:	DGCR8 ( <a href="#">DGCR8 Products</a> )
Background:	Background: DiGeorge syndrome critical region 8 (DGCR8) is a component of the

## Target Details

microprocessor complex that acts as a RNA- and heme-binding protein and is involved in the initial step of microRNA (miRNA) biogenesis. DGCR8 functions as a molecular anchor necessary for the recognition of pri-miRNA at dsRNA-ssRNA junctions. It directs RNASEN/DROSHA to cleave 11 bp away from the junction to release hairpin-shaped pre-miRNAs that are subsequently cut by the cytoplasmic DICER to generate mature miRNAs [taken from the Universal Protein Resource (UniProt) Q8WYQ5].

Gene ID: 54487

NCBI Accession: [NP\\_073557](#)

UniProt: [Q8WYQ5](#)

Pathways: [Regulatory RNA Pathways](#)

## Application Details

Application Notes: 1:100 - 1:500

Restrictions: For Research Use only

## Handling

Concentration: 250 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months