

Datasheet for ABIN7454450
anti-DGCR8 antibody (AA 400-450)



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Overview

Quantity:	100 µg
Target:	DGCR8
Binding Specificity:	AA 400-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGCR8 antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-DGCR8 Antibody, Affinity Purified
Immunogen:	between AA 400 and 450
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	DGCR8
Alternative Name:	DGCR8 (DGCR8 Products)
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:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: Not recommended. Use rabbit anti-DGCR8 antibody A302-468A.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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