Datasheet for ABIN7266760

anti-DGCR8 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	DGCR8
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DGCR8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	DGCR8 Rabbit mAb
Immunogen:	A synthesized peptide derived from human DGCR8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DGCR8
Alternative Name:	DGCR8 (DGCR8 Products)
Background:	This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of

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Target Details

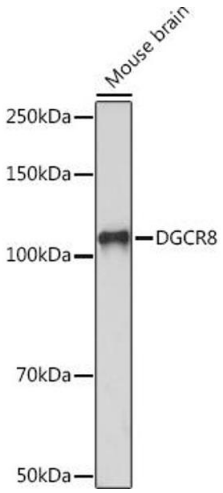
	microRNAs from the primary microRNA transcript. The encoded protein is a double-stranded RNA binding protein that functions as the non-catalytic subunit of the microprocessor complex. This protein is required for binding the double-stranded RNA substrate and facilitates cleavage of the RNA by the ribonuclease III protein, Drosha. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010],C22orf12, DGCRK6, Gy1, pasha,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,DGCR8
Molecular Weight:	100kDa
Gene ID:	54487
UniProt:	Q8WYQ5
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

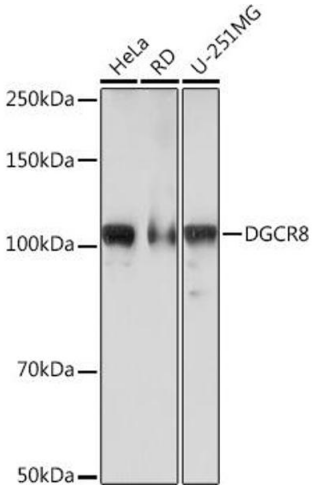
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse brain, using DGCR8 Rabbit mAb (ABIN7266760) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3 min.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DGCR8 Rabbit mAb (ABIN7266760) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

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