

Recombinant

DGRmAb®

DGCR8 (DGR19704) Rabbit mAb

db11246

Package : 10µL 20µL 50µL 100µL

Product Name : DGCR8 (DGR19704) Rabbit mAb

Cat.No.: db11246

Synonyms : Gy1; pasha; DGCRK6; C22orf12

Application : WB, ICC/IF, FC, IP

Reactivity : Human,Mouse,Rat

Host species : Rabbit

Background

This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of 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]

Immunogen

Recombinant protein of human DGCR8

Gene ID

54487

Swiss Prot

Q8WYQ5

Synonyms

Gy1; pasha; DGCRK6; C22orf12

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000
 ICC/IF: 1:500-1:1000
 FC: 1:200-1:1000
 IP: 1:50

Calculated MW

86 kDa

Observed MW

120 kDa

Host species

Rabbit

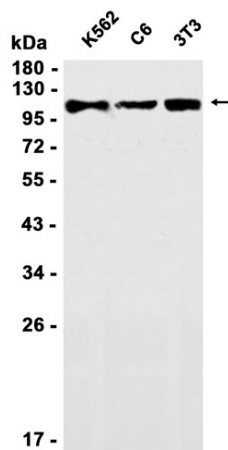
Clonality

Monoclonal

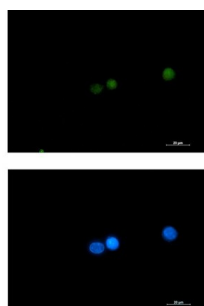
Clonality No.

DGR19704

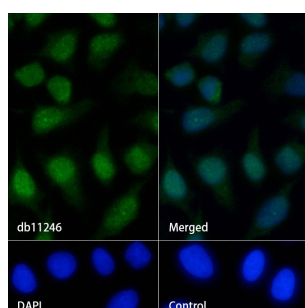
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3 cells using db11246 at 1:1000.



Immunofluorescent analysis of K562 cells using db11246 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling DGCR8 with db11246.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11246 (1:500) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.