

## DGCR8

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB ICC IF IP

**Recommended Dilution:**WB 1:500 - 1:2000 ICC 1:50 - 1:200 IF 1:50 - 1:100 IP 1:20 - 1:50

**Calculated MW:**100 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human DGCR8

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

Gy1; pasha; DGCRK6; C22orf12;

**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.

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**Catalog #:**A11404

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**54487

**Isotype:**IgG

**Swiss Prot:**Q8WYQ5

**Purity:**Affinity purification

For research use only.