BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DGCR8 Rabbit Monoclonal Antibody

Catalog Number: M00475

About DGCR8

The DGCR8 microprocessor complex subunit (DiGeorge syndrome chromosomal [or critical] region 8) is a protein that in humans is encoded by the DGCR8 gene. 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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Overview

Product Name	Anti-DGCR8 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DGCR8 Rabbit Monoclonal Antibody catalog # M00475. Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, ICC, WB
Clonality	Monoclonal EAO-4
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8WYQ5

Technical Details

Immunogen	A synthesized peptide derived from human DGCR8

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Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000 ICC/IF, 1:50-200 IP, 1:20

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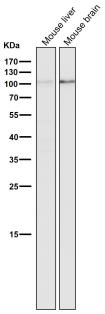
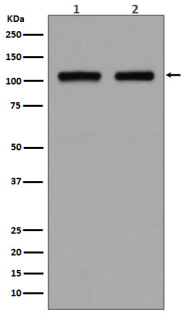
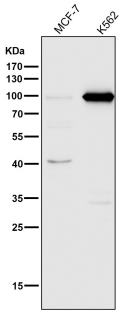
Anti-DGCR8 Rabbit Monoclonal Antibody (M00475) Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of DGCR8 expression in (1) HEK293 cell lysate; (2) HeLa cell lysate.



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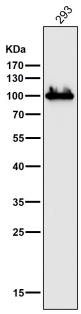

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

For Research Use Only. Not for use in diagnostic procedures.