

KD-Validated Anti-DGCR8 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

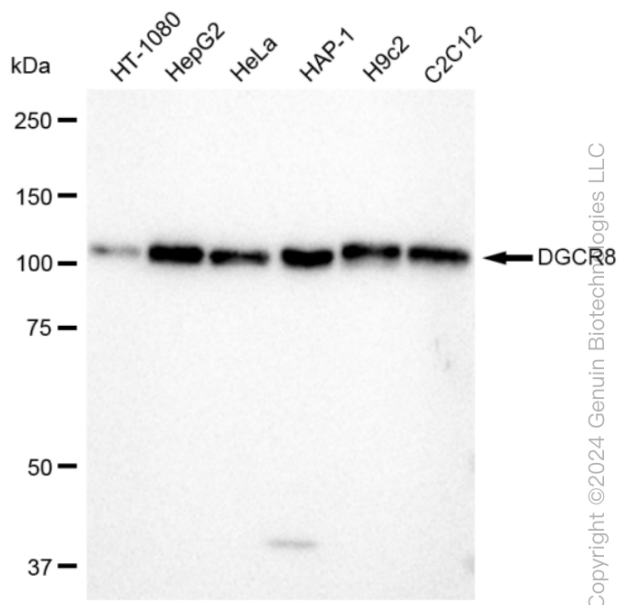
ABG1595

Product Overview

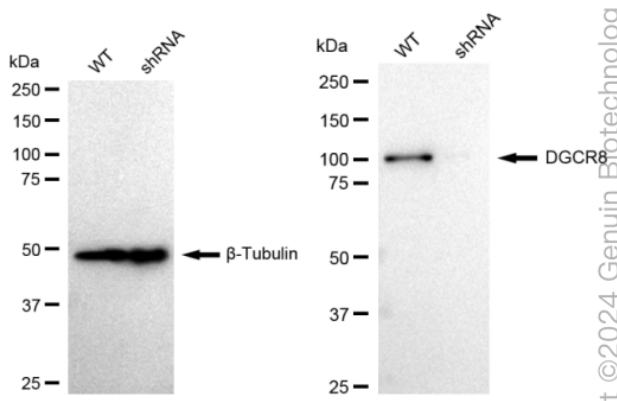
Name	KD-Validated Anti-DGCR8 Rabbit Monoclonal Antibody
Accession(Primary)	Q8WYQ5
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DGCR8
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 86 kDa , observed, 110 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:1,000

Target information (Q8WYQ5)

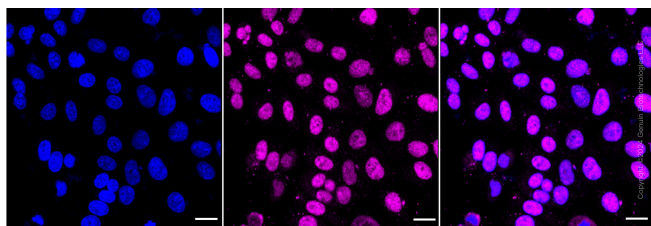
Gene Name	DGCR8
About Gene Symbol	DGCR8 (DGCR8 Microprocessor Complex Subunit) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-DGCR8 antibody (Cat#ABG1595). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DGCR8 antibody (Cat#ABG1595, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-DGCR8 antibody (Cat#ABG1595). DGCR8 expression in wild type (WT) and DGCR8 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-DGCR8 antibody (Cat#ABG1595, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-DGCR8 antibody (Cat#ABG1595, 1:1,000). Nuclei were stained blue with DAPI; DGCR8 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.