

Anti-DGCR8 antibody (180-340) (STJ11100564)

GENERAL INFORMATION

	Product Type	Primary antibodies
	Applications	WB/IHC-P/IP/ELISA
	Host / Source	Rabbit
	Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

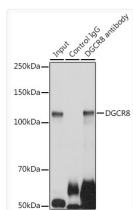
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 86kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

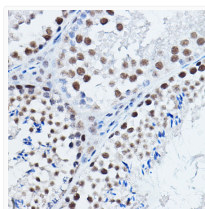
Gene ID	54487
Gene Symbol	DGCR8
UniProt ID	DGCR8_HUMAN
Immunogen Region	180-340
Immunogen Sequence	DKKDEENELDQEKRV EYAVL DELEDFDNLDELDEEGAGGF TAKAIVQRDRVDEEALNFPY EDDFDNDVDALLEEGLCAPK KRRTEEKYGGSDHPSDGET SVQPMMTKIKTVLKSRGRPP TEPLPDGWIMTFHNSGVVPVY LHRESRVVTWSRPYFLGTGS I
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 180-340 of human DGCR8 (NP_073557.3).

ADDITIONAL INFORMATION

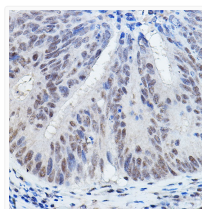
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



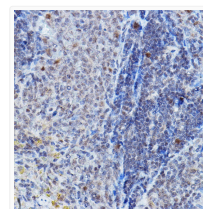
Immunoprecipitation analysis of 300 μ g extracts of HeLa cells using 3 μ g DGCR8 antibody (STJ11100564). Western blot was performed from the immunoprecipitate using DGCR8 antibody (STJ11100564) at a dilution of 1:1000.



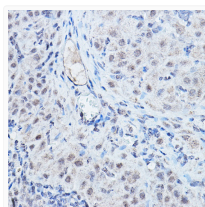
Immunohistochemistry analysis of DGCR8 in paraffin-embedded mouse testis using DGCR8 Rabbit polyclonal antibody (STJ11100564) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



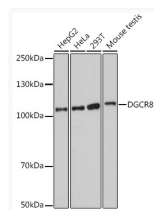
Immunohistochemistry analysis of DGCR8 in paraffin-embedded human colon carcinoma using DGCR8 Rabbit polyclonal antibody (STJ11100564) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of DGCR8 in paraffin-embedded rat spleen using DGCR8 Rabbit polyclonal antibody (STJ11100564) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of DGCR8 in paraffin-embedded rat ovary using DGCR8 Rabbit polyclonal antibody (STJ11100564) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using DGCR8 Rabbit polyclonal antibody (STJ11100564) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.