

**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB07519 - Goat Anti-DGCR8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** microprocessor complex subunit DGCR8, OTTHUMP00000197674, OTTHUMP00000197673, DiGeorge syndrome critical region 8, pasha, LP4941, Gy1, DGCRK6, C22orf12, DiGeorge syndrome critical region gene 8, DGCR8

**Official Symbol:** DGCR8

**Accession Number(s):** NP\_073557.3; NP\_001177255.1

**Human GeneID(s):** [54487](#)

**Non-Human GeneID(s):** 94223 (mouse), 287954 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_073557.3; NP\_001177255.1).

### Immunogen

Peptide with sequence C-PDFVKQTSEEKPKD, from the internal region of the protein sequence according to NP\_073557.3; NP\_001177255.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 90kDa band observed in nuclear lysates of cell line NIH3T3 (calculated MW of 86.3kDa according to Mouse NP\_201581.2). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB07519 (0.1µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.