

# DLEC1 Polyclonal antibody

Catalog Number: 20027-1-AP

## Basic Information

**Catalog Number:**

20027-1-AP

**Size:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_007335

**GeneID (NCBI):**

9940

**UNIPROT ID:**

Q9Y238

**Full Name:**

deleted in lung and esophageal cancer 1

**Calculated MW:**

196 kDa

**Observed MW:**

80-90 kDa, 46 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Species Specificity:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : human testis tissue, A549 cells, PC-3 cells

IP : PC-3 cells,

IHC : human testis tissue,

IF : PC-3 cells,

## Background Information

DLEC1, also named as DLC1 F56, may act as a tumor suppressor by inhibiting cell proliferation.

## Storage

**Storage:**

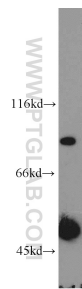
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

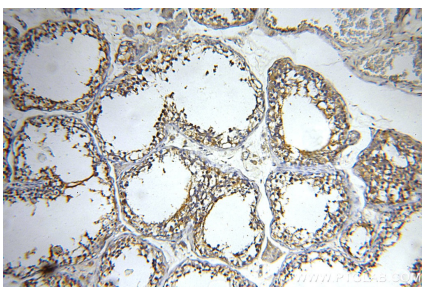
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

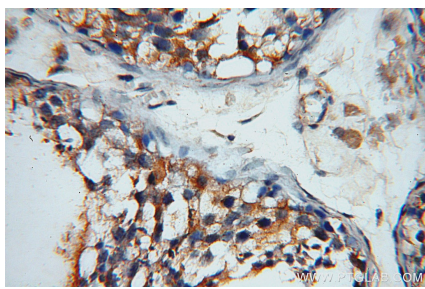
Selected Validation Data



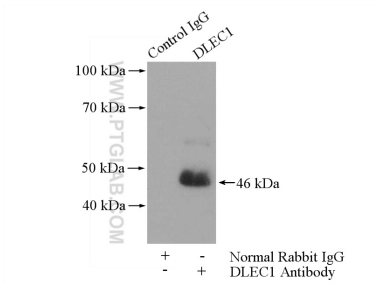
human testis tissue were subjected to SDS PAGE followed by western blot with 20027-1-AP (DLEC1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



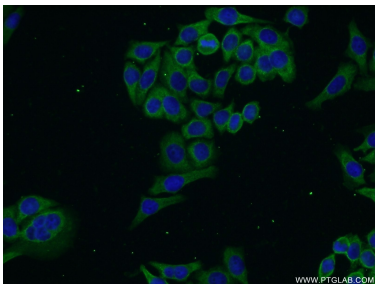
Immunohistochemical analysis of paraffin-embedded human testis using 20027-1-AP (DLEC1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 20027-1-AP (DLEC1 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-DLEC1 (IP:20027-1-AP, 4ug; Detection:20027-1-AP 1:300) with PC-3 cells lysate 1100ug.



Immunofluorescent analysis of PC-3 cells using 20027-1-AP (DLEC1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).