Product Name: DLEC1 Rabbit Polyclonal Antibody
Catalog #: APRab10013

Summary

Production Name	DLEC1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DLEC1
Alternative Names	DLEC1; DLC1; Deleted in lung and esophageal cancer protein 1; Deleted in lung cancer protein 1; DLC-1
Gene ID	9940.0
SwissProt ID	Q9Y238.The antiserum was produced against synthesized peptide derived from human DLEC1. AA range:1-50

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:10000.
Molecular Weight	

Background

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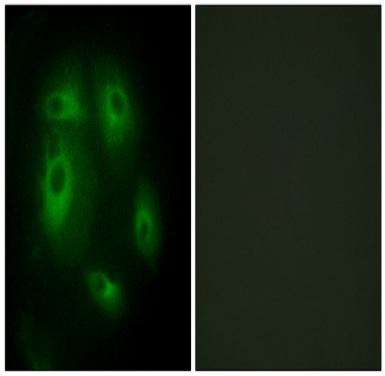
The cytogenetic location of this gene is 3p21.3, and it is located in a region that is commonly deleted in a variety of malignancies. Down-regulation of this gene has been observed in several human cancers including lung, esophageal, renal tumors, and head and neck squamous cell carcinoma. In some cases, reduced expression of this gene in tumor cells is a result of aberrant promoter methylation. Several alternatively spliced transcripts have been observed that contain disrupted coding regions and likely encode nonfunctional proteins.[provided by RefSeq, Mar 2016],alternative products:At least six differentially spliced products may exist,disease:Defects in DLEC1 may be a cause of breast cancer.,disease:Defects in DLEC1 may be a cause of esophageal cancer [MIM:133239].,disease:Defects in DLEC1 may be a cause of primary lung cancer [MIM:211980]. In 33% of lung, esophageal and renal cancer cell lines and primary cancers, there is a lack of functional transcripts and an increase in alternatively spliced non-functional transcripts; the gene itself is not altered.,disease:Defects in DLEC1 may be a cause of renal cancer.,function:May act as a tumor suppressor by inhibiting cell proliferation.,sequence caution:Intron retention.,tissue specificity:Expressed in all tissues examined. Expression is highest in prostate and testis.,

Research Area

Image Data



Immunofluorescence analysis of HeLa cells, using DLEC1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.