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DLEC1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17986c

Product Information

Application	WB, E
Primary Accession	Q9Y238
Other Accession	NP_031361
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19455
Calculated MW	195684
Antigen Region	879-908

Additional Information

Gene ID	9940
Other Names	Deleted in lung and esophageal cancer protein 1, Deleted in lung cancer protein 1, DLC-1, DLEC1 {ECO:0000312|EMBL:BAA776241}
Target/Specificity	This DLEC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 879-908 amino acids from the Central region of human DLEC1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DLEC1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DLEC1 {ECO:0000312|EMBL:BAA77624.1}
Function	Essential for spermatogenesis and male fertility (By similarity). May play an important role in sperm head and tail formation (By similarity). May act as a tumor suppressor by inhibiting cell proliferation.

Cellular Location	Cytoplasm
Tissue Location	Expressed in all tissues examined. Expression is highest in prostate and testis.

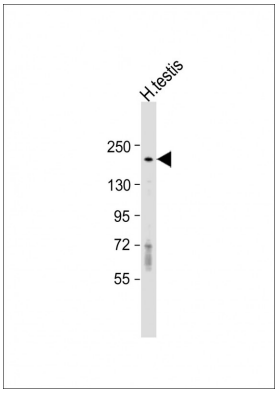
Background

This gene contains 37 exons, spans approximately 59-kb, and is located in the 3p22-p21.3 chromosomal segment that is commonly deleted in various carcinomas. Several alternatively spliced transcripts have been observed that contain disrupted coding regions and likely encode nonfunctional proteins. Aberrant transcription of this gene may be involved in carcinogenesis of the lung, esophagus, and kidney.

References

Zhang, Q., et al. J. Urol. 184(2):731-737(2010)
Zhang, Y., et al. Clin Lung Cancer 11(4):264-270(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Al Sarakbi, W., et al. Anticancer Res. 30(4):1079-1082(2010)
Canova, C., et al. Cancer Res. 69(7):2956-2965(2009)

Images



Anti-DLEC1 Antibody (Center) at 1:1000 dilution + human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 196 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.