

DLC1 polyclonal antibody

Catalog # PAB6661 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

DLC1 polyclonal antibody (Cat # PAB6661) (5 ug/mL) staining of paraffin embedded human adrenal gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification	
Product Description	Goat polyclonal antibody raised against synthetic peptide of DLC1.
Immunogen	A synthetic peptide corresponding to N-terminus of human DLC1.
Sequence	SVAIRKRSWEEHC
Host	Goat
Reactivity	Human
Specificity	This antibody is expected to recognize isoforms 1 and 3 (NP_872584.1 and NP_079043.2 resp) bu t NOT isoform 2 (NP_006085.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL) The optimal working dilution should be determined by the end user.

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Product Information

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DLC1 polyclonal antibody (Cat # PAB6661) (5 ug/mL) staining of paraffin embedded human adrenal gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

• Enzyme-linked Immunoabsorbent Assay

Gene Info — DLC1	
Entrez GenelD	<u>10395</u>
Protein Accession#	<u>NP_872584.2;NP_079043.3</u>
Gene Name	DLC1
Gene Alias	ARHGAP7, FLJ21120, HP, STARD12, p122-RhoGAP
Gene Description	deleted in liver cancer 1
Omim ID	<u>604258</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene is deleted in the primary tumor of hepatocellular carcinoma. It maps to 8p22-p21.3, a re gion frequently deleted in solid tumors. It is suggested that this gene is a candidate tumor suppres sor gene for human liver cancer, as well as for prostate, lung, colorectal, and breast cancers. Alter native splicing at this locus results in several transcript variants encoding different isoforms. [provi ded by RefSeq
Other Designations	OTTHUMP00000116050 Rho-GTPase-activating protein 7 START domain containing protein 12 StAR-related lipid transfer (START) domain containing 12 StAR-related lipid transfer protein 12 d eleted in liver cancer 1 variant 2

Publication Reference

Sequence variants of DLC1 in colorectal and ovarian tumours.

Wilson PJ, McGlinn E, Marsh A, Evans T, Arnold J, Wright K, Biden K, Young J, Wainwright B, Wicking C, Chenevix-Trench G. Human Mutation 2000 Jan; 15(2):156.

Disease

- Angina Pectoris
- <u>Carcinoma</u>
- Cardiovascular Diseases
- <u>Celiac Disease</u>
- <u>Coronary Vasospasm</u>
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Liver Neoplasms
- <u>Nasopharyngeal Neoplasms</u>
- Prostate cancer
- Prostatic Neoplasms
- <u>Tobacco Use Disorder</u>