

Datasheet for ABIN185264
anti-DLC1 antibody (N-Term)

5 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	DLC1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DLC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	DLC1 (Isoforms 1 and 3)
Immunogen:	Peptide with sequence SVAIRKRSWEEHC, from the N Terminus of the protein sequence according to NP_872584.2, NP_079043.3.
Sequence:	SVAIRKRSWE EHC
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoforms 1 and 3 (NP_872584.2 and NP_079043.3 resp) but NOT isoform 2 (NP_006085.2).
Cross-Reactivity:	Human, Mouse, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: DLC1

Alternative Name: DLC1 ([DLC1 Products](#))

Background: DLC1, HP, ARHGAP7, STARD12, FLJ21120, p122-RhoGAP, deleted in liver cancer 1, Rho-GTPase-activating protein 7, START domain containing protein 12, StAR-related lipid, transfer protein 12, StAR-related lipid transfer (START) domain containing 12, deleted

Gene ID: 10395, 50768

NCBI Accession: [NP_872584](#), [NP_079043](#)

Pathways: [Tube Formation](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Mouse Adrenal Gland. Recommended concentration: 4 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:64000.

Comment: **Immunofluorescence:** Expression of the protein seen in the cytoplasm and nucleus of U251 and U2OS cells. Recommended concentration: 10µg/ml.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

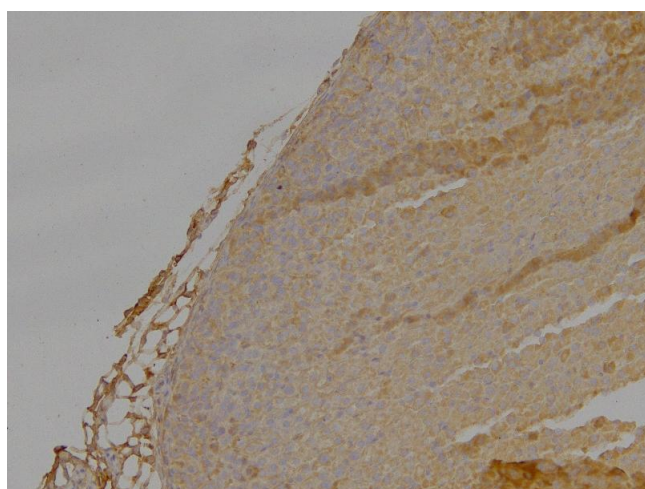
Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

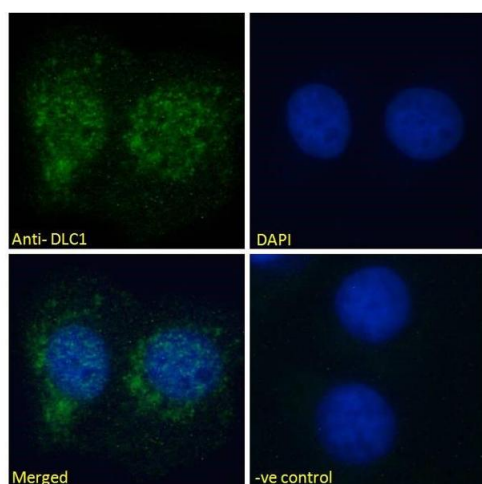
Product cited in: Ko, Yeung, Wong, Chan, Poon, Ng, Yam: "Deleted in liver cancer 1 isoforms are distinctly expressed in human tissues, functionally different and under differential transcriptional regulation in hepatocellular carcinoma." in: **Liver international : official journal of the International Association for the Study of the Liver**, Vol. 30, Issue 1, pp. 139-48, (2009) ([PubMed](#)).

Images



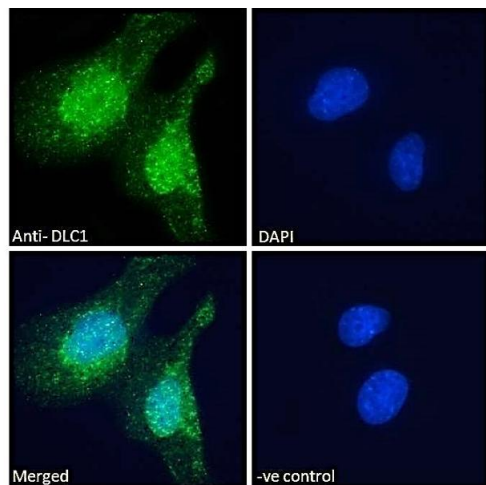
Immunohistochemistry

Image 1. ABIN185264 Negative Control showing staining of paraffin embedded Mouse Adrenal Gland, with no primary antibody.



Immunofluorescence

Image 2. ABIN185264 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunofluorescence

Image 3. ABIN185264 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185264.