

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06436 - Goat Anti-DLC1 (Isoforms 1 and 3) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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 in liver cancer 1 variant 2

**Official Symbol:** DLC1

**Accession Number(s):** NP\_872584.2; NP\_079043.3

**Human GeneID(s):** [10395](#)

**Non-Human GeneID(s):** 50768 (mouse)

**Important Comments:** 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).

### Immunogen

Peptide with sequence SVAIRKRSWEEHC, from the N Terminus of the protein sequence according to NP\_872584.2; NP\_079043.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**IHC:** In paraffin embedded Human Adrenal Gland (Medulla) shows strong reticulate staining in the cytoplasm of medular cells. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Pig

### Specific Reference

**This antibody has been successfully used in WB in Human:**

Ko FC, Yeung YS, Wong CM, Chan LK, Poon RT, Ng IO, Yam JW.

Deleted in liver cancer 1 isoforms are distinctly expressed in human tissues, functionally different and under differential transcriptional regulation in hepatocellular carcinoma.

Liver Int. 2010 Jan;30(1):139-48.

PMID: 19874489

EB06436 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.