



Anti-DLC1 monoclonal antibody (DCABH-11291)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is deleted in the primary tumor of hepatocellular carcinoma. It maps to 8p22-p21.3, a region frequently deleted in solid tumors. It is suggested that this gene is a candidate tumor suppressor gene for human liver cancer, as well as for prostate, lung, colorectal, and breast cancers. Alternative splicing at this locus results in several transcript variants encoding different isoforms.
Immunogen	A synthetic peptide of human DLC1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [DLC1 deleted in liver cancer 1 \[Homo sapiens \]](#)

Official Symbol	DLC1
Synonyms	DLC1; deleted in liver cancer 1; rho GTPase-activating protein 7; ARHGAP7; DLC 1; HP; p122 RhoGAP; StAR related lipid transfer (START) domain containing 12; STARD12; Rho-GTPase-activating protein 7; deleted in liver cancer 1 protein; START domain-containing protein 12; deleted in liver cancer 1 variant 2; rho-type GTPase-activating protein 7; StAR-related lipid transfer (START) domain containing 12; p122-RhoGAP; FLJ21120;
Entrez Gene ID	10395
Protein Refseq	NP_001157743
UniProt ID	A8K119
Chromosome Location	8p22
Pathway	Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem.
Function	GTPase activator activity; NOT Rac GTPase activator activity; Rho GTPase activator activity; Rho GTPase activator activity; SH2 domain binding; phospholipase binding; protein binding; vinculin binding;