Canine Deleted In Liver Cancer 1 (DLC1) ELISA Kit

Catalog No: #EK10644

Package Size: #EK10644-1 48T #EK10644-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Canine Deleted In Liver Cancer 1 (DLC1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Canine (Canis familiaris; Dog)
Other Names	ARHGAP7; FLJ21120; HP; STARD12; p122-RhoGAP; Rho-GTPase-activating protein 7|StAR-related lipid transfer (START) domain containing 12|deleted in liver cancer 1 variant 2
Accession No.	B9VTT2
Uniprot	B9VTT2
GeneID	475607;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate DLC1 in samples. An antibody specific for DLC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyDLC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DLC1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DLC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Deleted in Liver Cancer 1 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.DLC1 is frequently inactivated in human hepatocellular carcinoma, as well as some nasopharyngeal, lung, breast, prostate, kidney, colon, uterine, ovarian, and gastric cancers.

The DLC1 protein contains four major functional domains: an N-terminal sterile α motif (SAM), a serine-rich (SR) region, a Rho-GAP domain, and a C-terminal steroidogenic acute regulatory protein related lipid-transfer (START) domain. DLC1 is localized to focal adhesions located at the periphery of cells.

Note: This product is for in vitro research use only