



Rabbit Anti-phospho-DLC1 (Ser567) antibody

SL14339R

Product Name:	phospho-DLC1 (Ser567)
Chinese Name:	磷酸化肝癌缺失基因1抗体
Alias:	p-DLC1 (Ser567); DLC1 (phospho S567); p-DLC1 (phospho S567); ARHGAP 7; ARHGAP7; Deleted in liver cancer 1; Deleted in liver cancer 1 protein; DLC 1; Dlc-1; DLC1; FLJ21120; HP; HP protein; KIAA1723; p122 RhoGAP; RHG07_HUMAN; Rho GTPase activating protein 7; Rho GTPase-activating protein 7; Rho type GTPase activating protein 7; Rho-type GTPase-activating protein 7; StAR related lipid transfer protein 12; StAR-related lipid transfer protein 12; STARD 12; StARD12; START domain containing protein 12; START domain-containing protein 12.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	171kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human DLC1 around the phosphorylation site of Ser567:PG(p-S)PD
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:[PubMed](#)

This gene encodes a GTPase-activating protein (GAP) that is a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins. GAP family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. This gene functions as a tumor suppressor gene in a number of common cancers, including prostate, lung, colorectal, and breast cancers. Multiple transcript variants due to alternative promoters and alternative splicing have been found for this gene.[provided by RefSeq, Apr 2010]

Function:

Functions as a GTPase-activating protein specific for Rho and an activator of PLCD1 in vivo and induces morphological changes and detachment through cytoskeletal reorganization.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Highest level of expression in the spleen, with rather lower levels in prostate, testis, ovary, small intestine and colon, but none in the thymus.

Similarity:

Contains 1 Rho-GAP domain.
Contains 1 SAM (sterile alpha motif) domain.
Contains 1 START domain.

SWISS:

Q96QB1

Gene ID:

10395

Database links:

[Entrez Gene: 10395](#) Human

[Omim: 604258](#) Human

[SwissProt: Q96QB1](#) Human

[Unigene: 134296](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Product Detail:

