

DLC1 (Phospho-Ser567) Antibody

Catalog No: #SAB326P

Package Size: #SAB326P-1 50ul #SAB326P-2 100ul

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

Description

Product Name	DLC1 (Phospho-Ser567) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	Custom antibody
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	DLC1
Other Names	Deleted in liver cancer 1 protein; STARD12; Rho GTPase-activating protein 7
Accession No.	uniprot:Q96QB1
Calculated MW	171kDa
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Western blotting: 1:500~1:1000

Background

Functions as a GTPase-activating protein for the small GTPases RHOA, RHOB, RHOC and CDC42, terminating their downstream signaling. This induces morphological changes and detachment through cytoskeletal reorganization, playing a critical role in biological processes such as cell migration and proliferation. Also functions in vivo as an activator of the phospholipase PLCD1. Active DLC1 increases cell migration velocity but reduces directionality.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.