

Cadf (Phospho-Ser3) Antibody

Catalog No: #SAB318

Package Size: #SAB318-1 50ul #SAB318-2 100ul

Description

Product Name	Cadf (Phospho-Ser3) 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	Fruit fly
Immunogen Type	Peptide-KLH
Conjugates	Unconjugated
Target Name	Cadf
Other Names	Cofilin/actin-depolymerizing factor homolog; Protein twinstar; tsr; CG4254
Accession No.	uniprot:P45594
Calculated MW	17kDa
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

Exhibits F-actin depolymerizing activity and regulates actin cytoskeleton dynamics (PubMed:21205790). Required for cytokinesis in both mitotic and meiotic cells and for aster migration and separation (PubMed:8522587). Promotes cell motility during ovary development and oogenesis (PubMed:11175754). During larval development, required for the cell rearrangement needed for formation of terminal filaments which are stacks of somatic cells that are important for the initiation of ovarioles (PubMed:11175754).

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