

# Cadf (Phospho-Ser3) Antibody

Catalog No: #SAB318

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

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## 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.<br>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   |
| 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 <sup>2+</sup> and Ca <sup>2+</sup> ), 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.