

Product datasheet

Anti-Profilin 1 antibody - Carboxyterminal end ab50667

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Overview

Product name	Anti-Profilin 1 antibody - Carboxyterminal end
Description	Rabbit polyclonal to Profilin 1 - Carboxyterminal end
Host species	Rabbit
Tested applications	Suitable for: IP
Species reactivity	Reacts with: Mouse, Rat, Cow, Human
Immunogen	Synthetic peptide: CYEMASHLRRSQY conjugated to KLH, corresponding to C terminal amino acids 128-140 of Human Profilin 1
	Run BLAST with Run BLAST with

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: 0.0268% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab50667** in the following tested applications.

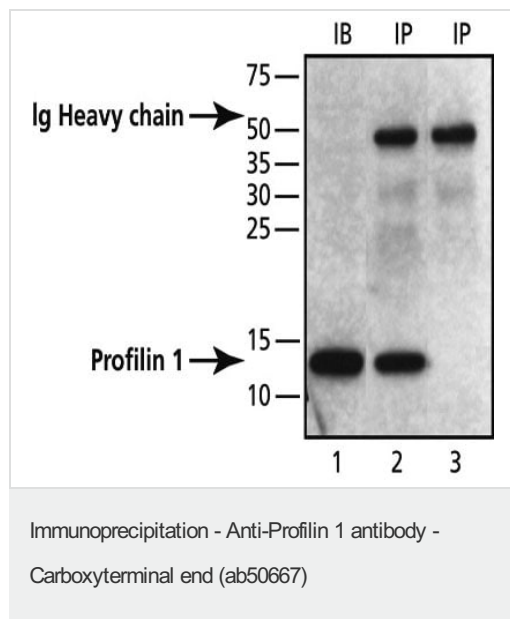
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.

Target

Function	Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP ₂ , it inhibits the formation of IP ₃ and DG.
Sequence similarities	Belongs to the profilin family.
Cellular localization	Cytoplasm > cytoskeleton.

Images



Lane 1: Positive control — Western blot: ab50667 at a concentration of 1 µg/ml on whole extract of Mouse 3T3 cells at 10 µg/ml.

Lane 2: Immunoprecipitation — 10 µg of ab50667 was used to immunoprecipitate Mouse Profilin 1 from 3T3 cell lysate (20 µg/ml). Detection antibody: Rabbit Anti-Profilin 1 (N-terminal) antibody.

Lane 3: Negative control — non-relevant antibody was used for IP. Detection antibody: Rabbit Anti-Profilin 1 (N-terminal) antibody

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