Datasheet for ABIN1742560

anti-Profilin antibody (AA 42-47)

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Overview

Quantity:	100 µg
Target:	Profilin (PFN)
Binding Specificity:	AA 42-47
Reactivity:	Birch
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant birch profilin. Epitope PQFKPQ (aa 42-47)
Clone:	4A6
Isotype:	IgG2a
Specificity:	Specific for birch profilin.
Purification:	purified IgG

Target Details

Target:	Profilin (PFN)
Alternative Name:	Profilin (PFN Products)

Application Details

Application Notes:	WB: 1 : 500 up to 1 : 10000 IHC: not tested yet
Comment:	This antibody has been used successfully with eucaryotic and procaryotic expression vectors using the epitope as a tag (Rudiger et al. 1997).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H2O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus loose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

Publications

Product cited in:	Wiedemann, Giehl, Almo, Fedorov, Girvin, Steinberger, Rüdiger, Ortner, Sippl, Dolecek, Kraft, Jockusch, Valenta: "Molecular and structural analysis of a continuous birch profilin epitope defined by a monoclonal antibody." in: **The Journal of biological chemistry**, Vol. 271, Issue 47, pp. 29915-21, (1997) (PubMed).