

Product Data Sheet

Purified anti-AIP1

Catalog # / Size: 645601 / 25 µg

Clone: 13F10

Isotype: Rat IgG

Immunogen: Full length recombinant protein expressed in E Coli

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody has been quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.5 - 1 µg per ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Li J, *et al.* 2007. *Nature Cell Biology* 9:276

Description: AIP1(actin-interaction protein 1) is a 67 kD WD repeat protein known to regulate the depolymerization of actin filaments by cofilin and is conserved in organisms ranging from yeast to mammals. Recently, it was reported that caspase-11 and AIP1 cooperatively promote cofilin-mediated actin depolymerization.

Antigen References: 1. Voegtli WC, *et al.* 2003 *J. Biol. Chem.* 278:34373
2. Mohri K, *et al.* 2004. *J. Biol. Chem.* 279:31697

Related Products: **Product**

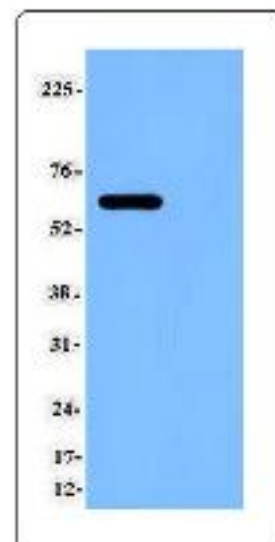
Purified Goat anti-rat IgG (minimal x-reactivity)
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone

Poly4054

Application

FC, ELISA, WB
FC, ICC, ICFC
FC, ICFC



NIH/3T3 (left) and Jurkat (right) cell lysates were resolved by electrophoresis, transferred to nitrocellulose and probed with purified anti-mAIP1 (Clone 13F10) antibody. Proteins were visualized using an HRP goat anti-rat secondary antibody conjugate and a chemiluminescent detection system.



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