

## Anti-ARAP1 Purified Monoclonal Antibody

Catalog Number: M06167

### About ARAP1

ARAP1 (angiotensin II type 1 receptor-associated protein) is an adaptor protein with ArfGAP and RhoGAP activities, containing five PH domains and ankyrin repeat. This adaptor seems to serve as a link between phosphoinositide- Arf-, and Rho-mediated cell signaling. ARAP1 supports the plasma membrane recycling of angiotensin II type 1 receptor (AT1) and is important also for cell-specific trafficking of pro-death receptor TRAIL-R1 (DR4) to the plasma membrane, thus promoting the TRAIL-induced apoptosis in certain cell types. ARAP1 also affects cell spreading.

### Overview

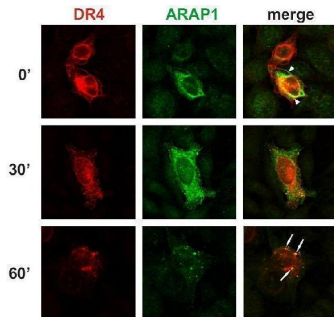
Product Name	Anti-ARAP1 Purified Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-ARAP1 Purified Monoclonal Antibody (Catalog# M06167). Tested in IP, WB, ICC application(s). This antibody reacts with Human.
Application	IP, ICC, WB
Clonality	Monoclonal ARAP1-2
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q96P48

### Technical Details

Immunogen	His6-tagged protein corresponding to amino acids 1190-1450 of human ARAP1. The antibody ARAP1-2 reacts with C-terminal part of ARAP1 (intracellular epitope), a 160 kDa adaptor protein.
Predicted Reactive Species	Primate
Cross Reactivity	Cross-reactivity with CLIC5b was not determined.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Western blotting: 2 ug/ml



## Anti-ARAP1 Purified Monoclonal Antibody (M06167) Images



Immunocytochemistry detection of colocalization of ARAP1 with DR4 at the plasma membrane and in early endosomes. ARAP1-transfected NCTC cells were treated with TRAIL for 0', 30' or 60' and fixed with methanol. DR4 was detected by rabbit polyclonal (red) and ARAP1 with ARAP1-2 mouse monoclonal antibody (green). Arrowheads show ARAP1-DR4 colocalization at the plasma membrane and intracellular membranes, whereas arrows show their colocalization in early endosomes.

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