

30-1358: Anti-ARAP1 / centaurin Monoclonal Antibody (Clone:ARAP1-2)

Clonality :	Monoclonal
Clone Name :	ARAP1-2
Application :	IP, WB, ICC
Reactivity :	Human
Gene :	ARAP1
Gene ID :	116985
Uniprot ID :	Q96P48
Format :	Purified
Alternative Name :	ARAP1,CENTD2,KIAA0782
Isotype :	Mouse IgG1
Immunogen Information :	His6-tagged protein corresponding to amino acids 1190-1450 of human ARAP1

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

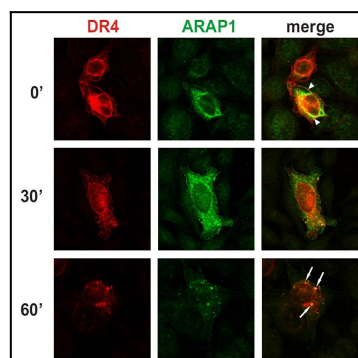


Figure 1: Colocalization of ARAP1 with DR4 at the plasma membrane and in early endosomes. ARAP1-transfected NCTC cells were treated with TRAIL for 0', 30' or 60' and fixed with methanol. DR4 was detected by rabbit polyclonal (red) and ARAP1 with ARAP1-2 mouse monoclonal antibody (green). Arrowheads show ARAP1-DR4 colocalization at the plasma membrane and intracellular membranes, whereas arrows show their colocalization in early endosomes.