

Datasheet for ABIN2856677  
**anti-BAIAP2L1 antibody**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	BAIAP2L1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAIAP2L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human BAIAP2L1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to BAIAP2L1 (BAI1-associated protein 2-like 1) BAIAP2L1 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	BAIAP2L1
Alternative Name:	BAI1 associated protein 2 like 1 ( <a href="#">BAIAP2L1 Products</a> )

## Target Details

Background:	This gene encodes a member of the IMD (IRSp53/MIM homology domain) family. Members of this family can be subdivided in two groups, the IRSp53-like and MIM-like, based on the presence or absence of the SH3 (Src homology 3) domain. The protein encoded by this gene contains a conserved IMD, also known as F-actin bundling domain, at the N-terminus, and a canonical SH3 domain near the C-terminus, so it belongs to the IRSp53-like group. This protein is the substrate for insulin receptor tyrosine kinase and binds to the small GTPase Rac. It is involved in signal transduction pathways that link deformation of the plasma membrane and remodeling of the actin cytoskeleton. It also promotes actin assembly and membrane protrusions when overexpressed in mammalian cells, and is essential to the formation of a potent actin assembly complex during EHEC (Enterohemorrhagic Escherichia coli) pedestal formation.
Molecular Weight:	57 kDa
Gene ID:	55971
UniProt:	<a href="#">Q9UHR4</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.55 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

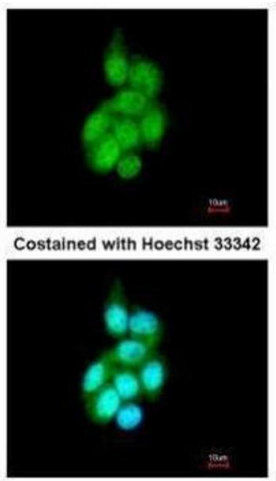
Handling

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

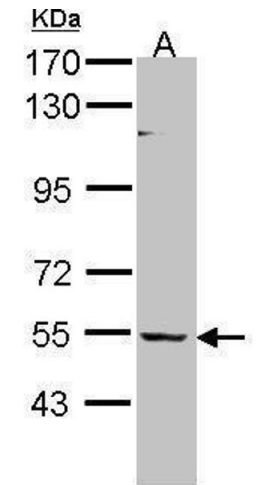
Product cited in: Furutani, Yoshihara: "Proteomic Analysis of Dendritic Filopodia-Rich Fraction Isolated by Telencephalin and Vitronectin Interaction." in: **Frontiers in synaptic neuroscience**, Vol. 10, pp. 27, (2018) ([PubMed](#)).

Images



**Immunofluorescence**

**Image 1.** ICC/IF Image Immunofluorescence analysis of methanol-fixed A431, using BAIAP2L1, antibody at 1:200 dilution.



**Western Blotting**

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: HeLa 7.5% SDS PAGE antibody diluted at 1:1000