

Datasheet for ABIN650704  
**anti-ARL2 antibody (C-Term)**[Go to Product page](#)

3 Images

1 Publication

## Overview

Quantity:	400 µL
Target:	ARL2
Binding Specificity:	AA 155-184, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ARL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 155-184 amino acids from the C-terminal region of human ARL2.
Clone:	RB5092
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	ARL2
Alternative Name:	ARL2 ( <a href="#">ARL2 Products</a> )

## Target Details

Background:	The ADP-ribosylation factor (ARF) genes are small GTP-binding proteins of the RAS superfamily. ARL2 is a member of a functionally distinct group of ARF-like genes. This protein is a component of a regulated secretory pathway involved in Ca(2+)-dependent release of acetylcholine.
Molecular Weight:	20878
Gene ID:	402
NCBI Accession:	<a href="#">NP_001186674</a> , <a href="#">NP_001658</a>
UniProt:	<a href="#">P36404</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

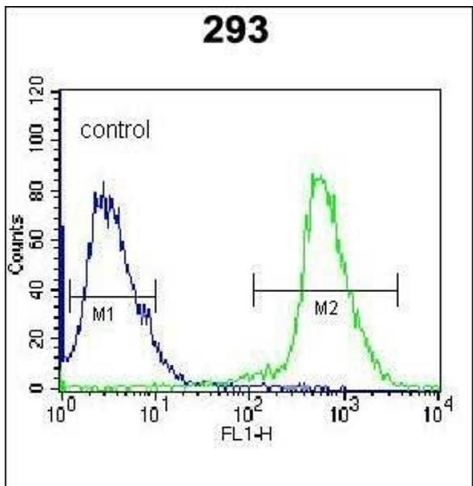
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

Product cited in:	Ding, Dellisanti, Ko, Czajkowski, Puglielli: "The endoplasmic reticulum-based acetyltransferases, ATase1 and ATase2, associate with the oligosaccharyltransferase to acetylate correctly folded polypeptides." in: <b>The Journal of biological chemistry</b> , Vol. 289, Issue 46, pp. 32044-55, (2014) ( <a href="#">PubMed</a> ).
-------------------	--

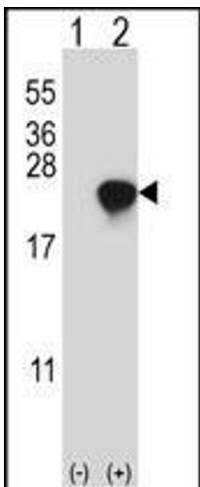
Ding, Ko, Pehar, Kotch, Peters, Luo, Salamat, Puglielli: "Biochemical inhibition of the acetyltransferases ATase1 and ATase2 reduces  $\gamma$ -secretase (BACE1) levels and A $\beta$  generation." in: **The Journal of biological chemistry**, Vol. 287, Issue 11, pp. 8424-33, (2012) ([PubMed](#)).

Images



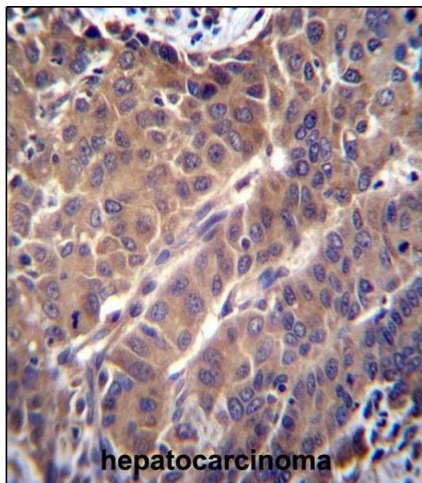
Flow Cytometry

**Image 1.** ARL2 Antibody (C-term) (ABIN650704 and ABIN2839229) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

**Image 2.** Western blot analysis of ARL2 (arrow) using rabbit polyclonal ARL2 Antibody (ABIN650704 and ABIN2839229). 293 cell lysates (2  $\mu$ g/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ARL2 gene.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** ARL2 Antibody (C-term) (ABIN650704 and ABIN2839229) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ARL2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.