

Datasheet for ABIN3044029

**anti-Amyloid beta (A4) Precursor Protein-Binding, Family B, Member 1 Interacting Protein (APBB1IP) (AA 647-666), (C-Term) antibody**[Go to Product page](#)**3** Images

## Overview

Quantity:	100 µg
Target:	Amyloid beta (A4) Precursor Protein-Binding, Family B, Member 1 Interacting Protein (APBB1IP)
Binding Specificity:	AA 647-666, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Amyloid beta A4 precursor protein-binding family B member 1-interacting protein(APBB1IP) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human APBB1IP(647-666aa EQDFMSDLMKALQKKRGNVS), different from the related rat sequence by one amino acid, and from the related mouse sequence by two amino acids.
Sequence:	EQDFMSDLMK ALQKKRGNVS
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Amyloid beta A4 precursor protein-binding family B member

## Product Details

1-interacting protein(APBB1IP) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Rat.  
Gene Name: amyloid beta(A4) precursor protein-binding, family B, member 1 interacting protein  
Protein Name: Amyloid beta A4 precursor protein-binding family B member 1-interacting protein

Purification: Immunogen affinity purified.

## Target Details

Target: Amyloid beta (A4) Precursor Protein-Binding, Family B, Member 1 Interacting Protein (APBB1IP)

Alternative Name: APBB1IP ([APBB1IP Products](#))

Background: APBB1IP(APBB1-Interacting Protein), also called RIAM or RARP1, is a protein that in humans is encoded by the APBB1IP gene. By genomic sequence analysis, Lafuente et al.(2004) mapped the RIAM gene to chromosome 10p12.1. Using promoter-reporter gene assays, Inagaki et al.(2003) found that RARP1 suppressed transcription from AP1 and SRE sites, but not CRE sites, in all cell lines examined. The proline-rich regions of RARP1 suppressed AP1 transactivation. Lafuente et al.(2004) found that RIAM interacted with profilin and VASP, molecules that regulate actin dynamics, as well as with RAP1-GTP.

Synonyms: AB1IP antibody|Amyloid beta A4 precursor protein binding family B member 1 interacting protein antibody|Amyloid beta precursor protein binding family B member 1 antibody|APBB1 interacting protein 1 antibody|OTTHUMP00000019344 antibody|PREL 1 antibody|PREL1 antibody|Proline rich EVH1 ligand 1 antibody|Proline rich protein 73 antibody|Rap1 GTP interacting adapter molecule antibody|RAP1 interacting adaptor molecule antibody|RARP 1 antibody|RARP1 antibody|Retinoic acid responsive proline rich protein 1 antibody

UniProt: [Q7Z5R6](#)

## Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat  
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.  
IHC-F: Concentration: 0.5-1 µg/mL, Tested Species: Rat, Predicted Species: Human  
ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Rat  
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be

## Application Details

fit for the product based on sequence similarities. Other applications have not been tested.  
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P), IHC(F) and ICC.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05 mg Thimerosal, 0.05 mg Sodium azide.

Preservative: Thimerosal (Merthiolate), Sodium azide

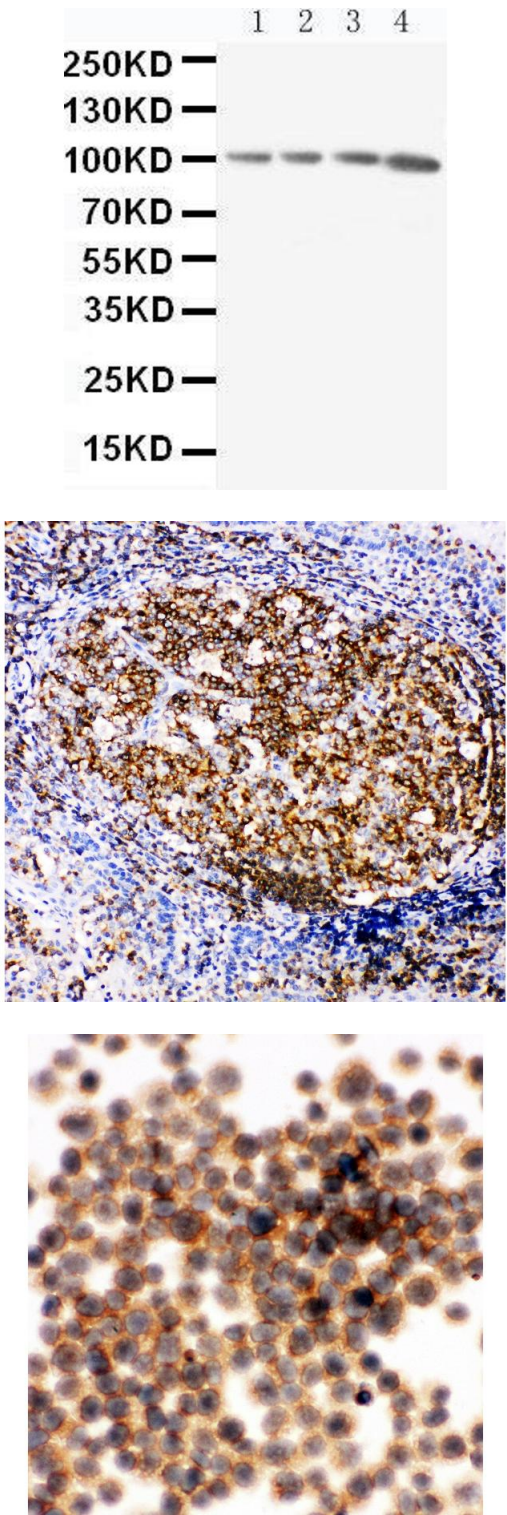
Precaution of Use: This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.  
It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Expiry Date: 12 months



**Western Blotting**

**Image 1.** Anti-RIAM antibody, Western blotting Lane 1: Rat Thymus Tissue Lysate Lane 2: Rat Spleen Tissue Lysate Lane 3: Rat RAJI Tissue Lysate Lane 4: HL-60 Cell Lysate

**Immunohistochemistry**

**Image 2.** Anti-RIAM antibody, IHC(P) IHC(P): Human Tonsil Tissue

**Immunohistochemistry**

**Image 3.** Anti-RIAM antibody, ICC ICC: JURKAT Cell