

Datasheet for ABIN1702015  
**anti-BAIAP2L2 antibody (AA 51-150) (Cy3)**



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## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | BAIAP2L2                                                                                                                       |
| Binding Specificity: | AA 51-150                                                                                                                      |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This BAIAP2L2 antibody is conjugated to Cy3                                                                                    |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human BAIAP2L2 |
| Isotype:              | IgG                                                          |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse                      |
| Purification:         | Purified by Protein A.                                       |

## Target Details

|                   |                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------|
| Target:           | BAIAP2L2                                                                                        |
| Alternative Name: | Baiap2l2 ( <a href="#">BAIAP2L2 Products</a> )                                                  |
| Background:       | Synonyms: BAI1-associated protein 2-like 2, BAI1-associated protein 2-like protein 2, baiap2l2, |

## Target Details

BAIAP2L2 BAI1-associated protein 2-like 2, BC048937, BI2L2\_HUMAN, Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 2, FLJ22582, Pinkbar, Planar intestinal- and kidney-specific BAR domain protein, RP5-1039K5.3.

Background: The Src homology 3 (SH3) domain is a highly conserved 60 amino acid protein domain that is organized into a beta-barrel fold consisting of five or six beta strands arranged as two tightly packed anti-parallel beta sheets. This domain is found in proteins that mediate assembly of specific protein complexes and interact with other proteins, specifically recognizing proline-rich regions. BAIAP2L2 (Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 2) is a 529 amino acid protein containing an SH3 domain, suggesting that it may function as an adaptor protein. BAIAP2L2 also contains an IMD (IRSp53/MIM) domain, which enables the protein to bind to and bundle Actin filaments, as well as bind to membranes and interact with Rac GTPase. There are two named isoforms of BAIAP2L2 which are produced as a result of alternative splicing events.

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
|--------------------|--------------------------------------------------------------|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |