



[Go to Product page](#)

Datasheet for ABIN7261289  
**anti-BAIAP2 antibody**

2 Images

Overview

|              |   |
|--------------|---|
| Quantity:    | 200 µL  |
| Target:      | BAIAP2  |
| Reactivity:  | Human, Rat  |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This BAIAP2 antibody is un-conjugated             |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant fusion protein of human BAIAP2 (NP_059344.1). |
| Isotype:         | IgG   |
| Characteristics: | Polyclonal Antibody                                       |
| Purification:    | Affinity purification                                     |

Target Details

|                   |  |
|-------------------|--|
| Target:           | BAIAP2   |
| Alternative Name: | BAIAP2 ( <a href="#">BAIAP2 Products</a> )   |
| Background:       | The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This adaptor protein links membrane bound G-proteins to cytoplasmic effector proteins. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. It also associates with a downstream |

## Target Details

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effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. This protein is involved in lamellipodia and filopodia formation in motile cells and may affect neuronal growth-cone guidance. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

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|                   |  |
|-------------------|--|
| Molecular Weight: | Observed_MW: 61-65 kDa<br>Calculated_MW: 56 kDa/57 kDa/59 kDa/60 kDa |
|-------------------|--|

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|          |       |
|----------|-------|
| Gene ID: | 10458 |
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|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9UQB8</a> |
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## Application Details

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| Application Notes: | WB 1:500-1:2000 IHC 1:50-1:200 |
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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
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## Handling

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|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

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|                |         |
|----------------|---------|
| Concentration: | 1 mg/mL |
|----------------|---------|

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|         |   |
|---------|---|
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
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|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

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|                    |  |
|--------------------|--|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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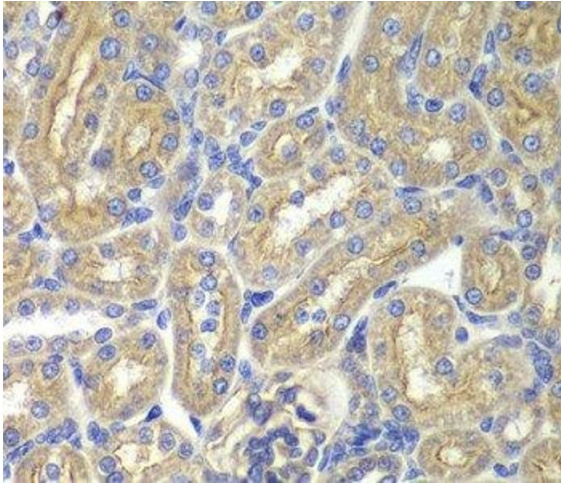
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|          |        |
|----------|--------|
| Storage: | -20 °C |
|----------|--------|

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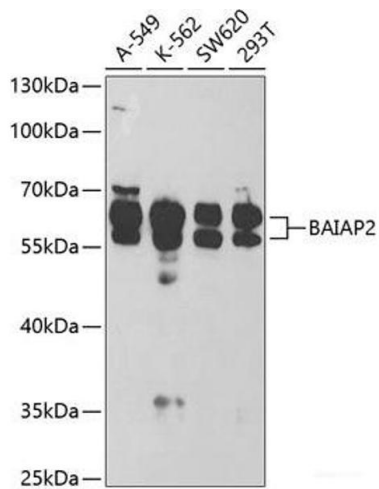
|                  |   |
|------------------|---|
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |
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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Rat kidney using BAIAP2 Polyclonal Antibody at dilution of 1:200 (40x lens).



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using BAIAP2 Polyclonal Antibody at dilution of 1:1000.