

Datasheet for ABIN1742309
anti-RIMS2 antibody (AA 925-1114)[Go to Product page](#)

2 Images

1 Publication

Overview

| | |
|----------------------|---|
| Quantity: | 50 µg |
| Target: | RIMS2 |
| Binding Specificity: | AA 925-1114 |
| Reactivity: | Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | Recombinant protein (aa 925-1114) of rat RIM 2, a stretch of divergent aa connecting the Rab binding motif and the PDZ domain. |
| Specificity: | Specific for RIM 2 |
| Cross-Reactivity (Details): | no cross reactivity to RIM 1. |
| Purification: | Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. |

Target Details

| | |
|-------------------|--|
| Target: | RIMS2 |
| Alternative Name: | RIM 2 (RIMS2 Products) |
| Pathways: | Hormone Transport, Synaptic Vesicle Exocytosis |

Application Details

| | |
|--------------------|--|
| Application Notes: | WB: 1 : 1000 (AP staining) ICC: not tested yet IHC: 1 : 1000 |
|--------------------|--|

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

Handling

| | |
|---------|-------------|
| Format: | Lyophilized |
|---------|-------------|

| | |
|-----------------|--|
| Reconstitution: | For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use. |
|-----------------|--|

| | |
|---------|-----|
| Buffer: | PBS |
|---------|-----|

| | |
|------------------|--|
| Handling Advice: | Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended. |
|------------------|--|

| | |
|----------|--------|
| Storage: | -20 °C |
|----------|--------|

| | |
|------------------|--|
| Storage Comment: | Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed! |
|------------------|--|

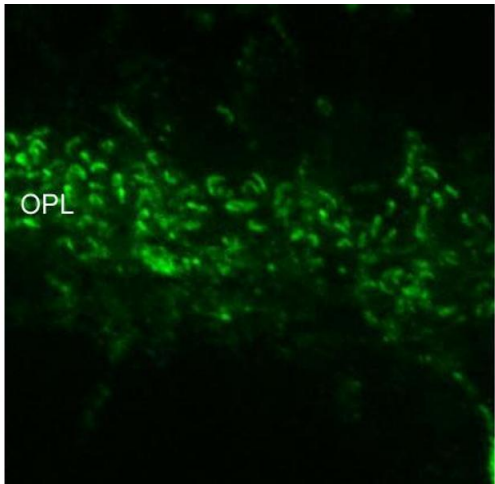
Publications

| | |
|-------------------|---|
| Product cited in: | Atkinson, Floerchinger, Qiao, Casey, Williamson, Moseley, Stoica, Goddard, Ge, Tullius, Tomlinson: "Donor brain death exacerbates complement-dependent ischemia/reperfusion injury in transplanted hearts." in: Circulation , Vol. 127, Issue 12, pp. 1290-9, (2013) (PubMed). |
|-------------------|---|



Western Blotting

Image 1. dilution: 1 : 1000, sample: crude synaptic membranes fraction of rat brain (LP1)



Immunohistochemistry

Image 2. Indirect immunostaining of ribbon synapses in the outer plexiform layer of PFA mouse retina (dilution 1 : 1000).