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Datasheet for ABIN898305

## anti-gamma 1 Adaptin antibody (AA 721-822) (Alexa Fluor 488)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | gamma 1 Adaptin (AP1G1)  |
| Binding Specificity: | AA 721-822   |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This gamma 1 Adaptin antibody is conjugated to Alexa Fluor 488   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                             |   |
|-----------------------------|---|
| Immunogen:                  | KLH conjugated synthetic peptide derived from mouse Gamma-Adaptin |
| Isotype:                    | IgG   |
| Cross-Reactivity:           | Human, Mouse, Rat   |
| Cross-Reactivity (Details): | IF(IHC-P)(1:200-400)  |
| Predicted Reactivity:       | Dog,Cow,Pig,Chicken,Rabbit  |
| Purification:               | Purified by Protein A.  |

### Target Details

|         |                         |
|---------|-------------------------|
| Target: | gamma 1 Adaptin (AP1G1) |
|---------|-------------------------|

## Target Details

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|                   |  |
|-------------------|--|
| Alternative Name: | gamma-Adaptin ( <a href="#">AP1G1 Products</a> )   |
| Background:       | <p>Synonyms: AP-1 complex subunit gamma-1, Adaptor protein complex AP-1 subunit gamma-1, Adaptor-related protein complex 1 subunit gamma-1, Clathrin assembly protein complex 1 gamma-1 large chain, Gamma-adaptin, Gamma1-adaptin, Golgi adaptor HA1/AP1 adaptin subunit gamma-1, Ap1g1, Adtg, Clapg1</p> <p>Background: Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.</p> |
| Gene ID:          | 11765  |
| UniProt:          | <a href="#">P22892</a>   |

## Application Details

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|                    |  |
|--------------------|--|
| 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

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|                    |  |
|--------------------|--|
| 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  |