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Datasheet for ABIN1693052

anti-Golgin A7 antibody (AA 51-137) (Alexa Fluor 350)

Overview

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| Quantity: | 100 µL |
| Target: | Golgin A7 (GOLGA7) |
| Binding Specificity: | AA 51-137 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Golgin A7 antibody is conjugated to Alexa Fluor 350 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human GOLGA7 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Sheep |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | Golgin A7 (GOLGA7) |
| Alternative Name: | GOLGA7 (GOLGA7 Products) |

Target Details

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| Background: | <p>Synonyms: GCP 16, GCP16, GOLGA 7, GOLGA3AP1, GOLGA7A, Golgi autoantigen golgin subfamily a 7, Golgi complex associated protein of 16 kDa, Golgin A7, Golgin subfamily A member 7, HSPC041, MGC21096, MGC4876, GOGA7_HUMAN.</p> <p>Background: GOLGA7 is a multi-pass membrane protein belonging to the Erf4 family of proteins. It is the functional ortholog of the yeast Erf4 protein. Localizing to the Golgi apparatus, GOLGA7 is a widely expressed protein but its expression is absent from colon and thymus tissues. GOLGA7 is palmitoylated on two cysteine residues, and this palmitoylation is required for its interaction with golgin 160 and its Golgi-localization. GOLGA7 also forms a complex with ZDHHC9 and, together, these proteins function as a Ras palmitoyltransferase (Ras PAT) which is required for palmitoylation of H-Ras and N-Ras proteins. The palmitoylation of Ras proteins is essential for the trafficking of Ras proteins from the Golgi to the plasma membrane, thus implicating GOLGA7 in protein transport from the Golgi to the cell surface.</p> |
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| Gene ID: | 51125 |
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| Pathways: | SARS-CoV-2 Protein Interactome |
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Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
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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 µg/µL |
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| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
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| Preservative: | ProClin |
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| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
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| Storage: | -20 °C |
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| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
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Handling

Expiry Date: 12 months