

[Go to Product page](#)

Datasheet for ABIN1391025

anti-EXOC3 antibody (AA 714-756) (Alexa Fluor 350)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | EXOC3 |
| Binding Specificity: | AA 714-756 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EXOC3 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 EXOC3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Sheep,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | EXOC3 |
| Alternative Name: | rSec6 (EXOC3 Products) |

Target Details

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| Background: | <p>Synonyms: EXOC 3, EXOC3, Exocyst complex component 3, Exocyst complex component Sec 6, Exocyst complex component Sec6, rSec 6, Sec 6, Sec-6, Sec 6 homolog, Sec 6p, Sec6, SEC6 L1, SEC6 like 1, Sec6 protein, SEC6L1, Sec6p, EXOC3_HUMAN.</p> <p>Background: The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity.</p> |
| Gene ID: | 11336 |
| UniProt: | O60645 |
| Pathways: | Peptide Hormone Metabolism , Synaptic Vesicle Exocytosis |

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 |
| 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 |