

[Go to Product page](#)

Datasheet for ABIN5009078

anti-SMEK2 antibody (AA 701-800) (Alexa Fluor 750)

Overview

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| Quantity: | 100 µL |
| Target: | SMEK2 |
| Binding Specificity: | AA 701-800 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SMEK2 antibody is conjugated to Alexa Fluor 750 |
| 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 SMEK2/PP4R3B |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | SMEK2 |
| Alternative Name: | PP4R3B (SMEK2 Products) |

Target Details

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| Background: | <p>Synonyms: Protein Phosphatase 4, Regulatory Subunit 3 Beta, smk1, FLFL2, PPP4R3B, PSY2, Serine/threonine-protein phosphatase 4 regulatory subunit 3B, SMEK 2, SMEK homolog 2, SMEK homolog 2 suppressor of mek1 Dictyostelium, SMEK homolog 2 suppressor of mek1, FLJ31474, KIAA1387, PP4R3 beta, PP4R3B, PPP4R3 Beta, P4R3B_HUMAN.</p> <p>Background: SMEK2 contains a WH1 domain. There are five named isoforms produced by alternative splicing. Mapping of a diet-induced hypercholesterolemia locus (Dihc2) in rats identified SMEK2 as a strong candidate for responsiveness to dietary cholesterol.</p> |
| Gene ID: | 57223 |
| Pathways: | Regulation of Carbohydrate Metabolic Process |

Application Details

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| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| 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 |