

Datasheet for ABIN6980808

anti-DIAPH3 antibody (AA 801-900) (AbBy Fluor® 680)



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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | DIAPH3 |
| Binding Specificity: | AA 801-900 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DIAPH3 antibody is conjugated to AbBy Fluor® 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human DIAPH3 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human, Mouse, Dog, Cow, Sheep, Horse, Chicken |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | DIAPH3 |
| Alternative Name: | DIAPH3 (DIAPH3 Products) |

Target Details

Background: Synonyms: AN, AUNA1, Dia2, diap3, DIAP3_HUMAN, DIAPH3, Diaphanous homolog 3 (Drosophila), Diaphanous homolog 3, Diaphanous related formin 3, Diaphanous-related formin-3, DKFZp434C0931, DKFZp686A13178, DRF3, FLJ34705, mDia2, NSDAN, OTTHUMP00000018480, Protein diaphanous homolog 3, RP11-26P21.1.

Background: Binds to GTP-bound form of Rho and to profilin. Acts in a Rho-dependent manner to recruit profilin to the membrane, where it promotes actin polymerization. It is required for cytokinesis, stress fiber formation, and transcriptional activation of the serum response factor. DFR proteins couple Rho and Src tyrosine kinase during signaling and the regulation of actin dynamics.

Gene ID: 81624

UniProt: [Q9NSV4](#)

Application Details

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

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