

Datasheet for ABIN6984195

anti-DIAPH3 antibody (AA 801-900) (Cy5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DIAPH3
Binding Specificity:	AA 801-900
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIAPH3 antibody is conjugated to Cy5
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