Datasheet for ABIN7607026

Recombinant anti-DIAPH1 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	DIAPH1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This DIAPH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	DIAPH1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human DIAPH1
Isotype:	IgG
Specificity:	DIAPH1 Antibody detects endogenous levels of total DIAPH1
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	DIAPH1

Target Details

Alternative Name:	DIAPH1 (DIAPH1 Products)
Background:	DIAPH1, DFNA1, DIA1, DIAP1, DIAPH1, DRF1, hDIA1, LFHL1,
Molecular Weight:	155kDa
UniProt:	O60610
Pathways:	Sensory Perception of Sound

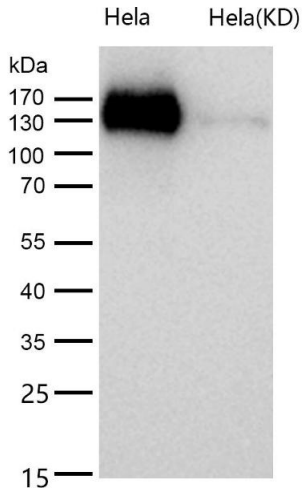
Application Details

Application Notes:	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Restrictions:	For Research Use only

Handling

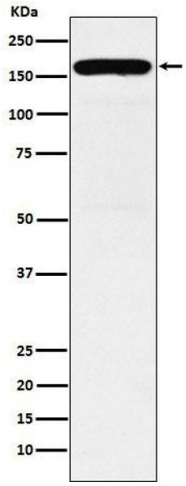
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. Acts in a Rho-dependent manner to recruit PFY1 to the membrane. Required for the assembly of F-actin structures, such as actin cables and stress fibers. Nucleates actin filaments. Binds to the barbed end of the actin filament and slows down actin polymerization and depolymerization. Required for cytokinesis, and transcriptional activation of the serum response factor.



Western Blotting

Image 2. Western blot analysis of DIAPH1 expression in K562 cell lysate.