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DIAPH1 Antibody

CATALOG NUMBER: 42-285

Western blot analysis of DIAPH1 in 3T3 (NIH) Cell lysate (35 ug protein in RIPA buffer) using DIAPH1 Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 140 kDa band observed in lysates of cell line NIH3T3 (calculated MW of 141 kDa according to human NP_005210.3 and 139 kDa according to mouse NP_031884.1). Recommended concentration: 0.3-1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1282 - 3T3 (NIH) Cell Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_005210.3; NP_001073280.1).
IMMUNOGEN:	DIAPH1 antibody was raised against an 11 amino acid synthetic peptide near the internal region of DIAPH1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	DIAPH1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	DIApH 1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DIAPH1, diaphanous-related formin 1, diaphanous-1, diaphanous 1, hDIA1, LFHL1, FLJ25265, DRF1, DIA1, DFNA1, diaphanous homolog 1 (Drosophila), DIAPH1, DIAP1
ACCESSION NO.:	NP_005210.3, NP_001073280.1
PROTEIN GI NO.:	119395758

OFFICIAL SYMBOL:	DIAPH1
GENE ID:	1729

Background

REFERENCES: 1) Higashi T, Ikeda T, Shirakawa R, Kondo H, Kawato M, Horiguchi M, Okuda T, Okawa K, Fukai S, Nureki O, Kita T, Horiuchi H Biochemical characterization of the Rho GTPase-regulated actin assembly by diaphanous-related formins, mDia1 and Daam1, in platelets J Biol Chem. 2008 Mar 28;283(13):8746-55

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