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EB08971 - Goat Anti-DIAPH1 Antibody

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: DIAPH1, diaphanous homolog 1 (Drosophila), DFNA1, DIA1, DRF1, FLJ25265, LFHL1, hDIA1, diaphanous 1, diaphanous-1, diaphanous-related formin 1 Official Symbol: DIAPH1 Accession Number(s): NP_005210.3; NP_001073280.1; NP_001300936.1 Human GenelD(s): <u>1729</u> Non-Human GenelD(s): 13367 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_005210.3; NP_001073280.1).

Immunogen

Peptide with sequence C-QTKTSKAKKDQ, from the internal region of the protein sequence according to NP_005210.3; NP_001073280.1; NP_001300936.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

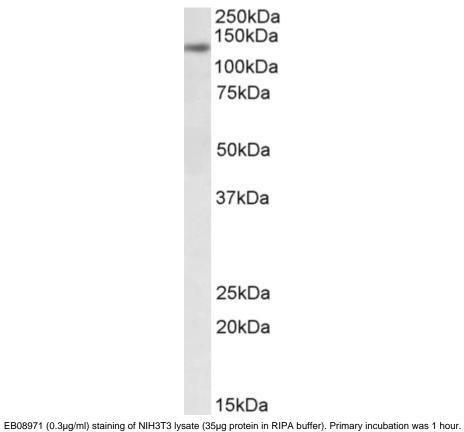
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 140kDa band observed in lysates of cell line NIH3T3 (calculated MW of 141kDa according to Human NP_005210.3 and 139kDa according to Mouse NP_031884.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat



8971 (0.3µg/ml) staining of NIH313 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hor Detected by chemiluminescence.