

Goat anti-DIAPH3 Antibody

Item Number	dAP-1274
Target Molecule	Principle Name: DIAPH3; Official Symbol: DIAPH3; All Names and Symbols: DIAPH3; diaphanous homolog 3 (Drosophila); RP11-26P21.1; DKFZP434C0931; DKFZp686A13178; DRF3; FLJ34705; diap3; diaphanous homolog 3; diaphanous-related formin 3; Accession Number (s): NP_001035982.1; NP_112194.2; Human Gene ID(s): 81624; Non-Human GenelD(s):
Immunogen	RTPMPKDVRQS, is from internal region (near the C terminus) This antibody is expected to recognise both reported isoforms (NP_001035982.1 and NP_112194.2).
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 50kDa band in human bone marrow, liver and lymph node lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given
IHC	
Reference	Reference(s): Yang C, Czech L, Gerboth S, Kojima S, Scita G, Svitkina T. Novel roles of formin mDia2 in lamellipodia and filopodia formation in motile cells. PLoS Biol. 2007 Nov;5(11):e317.. PMID: 18044991->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**