ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Dachshund homolog 1 Antibody

Item Number	dAP-1550
Target Molecule	Principle Name: Dachshund homolog 1; Official Symbol: DACH1 ; All Names and Symbols: OTTHUMP00000040839; dachshund homolog 1 (Drosophila) ; DACH1; RP11-512J14.1; DACH; FLJ10138; dachshund homolog 1; Accession Number (s): NP_542937.1; NP_542938.1; NP_004383.2; Human Gene ID(s): 1602; Non-Human GeneID(s): 13134 (mouse)
Immunogen	SPVENTPQNNECK, is from internal region This antibody is expected to recognise all three reported isoforms(NP_542937.1; NP_542938.1; NP_004383.2).
Applications	Pep ELISA, WB Species Tested: Human
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; Reconsititute 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 16000.
Western Blot	Western Blot: Approx 75 and 52kDa bands observed in Human Kidney lysates (calculated MW of 73.0kDa according to NP_542937.1 and of 51.9kDa according to NP_004383.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Wu K, Yang Y, Wang C, Davoli MA, D'Amico M, Li A, Cveklova K, Kozmik Z, Lisanti MP, Russell RG, Cvekl A, Pestell RG. DACH1 inhibits transforming growth factor-beta signaling through binding Smad4. J Biol Chem. 2003 Dec 19;278(51):51673-84. Epub 2003 Oct 2..PMID: 14525983 ->

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

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