

Goat anti-Dachshund homolog 2 / DACH2 Antibody

Item Number	dAP-1376
Target Molecule	Principle Name: Dachshund homolog 2 / DACH2; Official Symbol: DACH2 ; All Names and Symbols: DACH2; dachshund homolog 2 (Drosophila); RP11-345E19.1; FLJ31391; MGC138545; dachshund 2; Accession Number (s): NP_444511.1; Human Gene ID(s): 117154; Non-Human GeneID(s): 93837 (mouse)
Immunogen	TRKQAVNSSRPGR, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse
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: Approx 65-70kDa band observed in lysates of cell line NIH3T3 (calculated MW of 65.3kDa according to human NP_444511.1 and of 68.6kDa according to mouse NP_291083.1). Recommended concentration: 0.03-0.1µg/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. <i>J Biol Chem.</i> 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 end users! This product is sold for **Research Use Only**