

## Goat anti-EHD2 Antibody

<b>Item Number</b>	dAP-0538
<b>Target Molecule</b>	Principle Name: EHD2; Official Symbol: EHD2; All Names and Symbols: EHD2; PAST2; EH-domain containing 2; EH domain containing 2; FLJ96617; Accession Number (s): NP_055416.2; Human Gene ID(s): 30846; Non-Human GeneID(s):
<b>Immunogen</b>	CRLVPPSKRRHKGSA, is from C Terminus This antibody is expected to recognise EHD1 protein as well as EHD2.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 65kDa band observed in Human Placenta lysates (calculated MW of 61.2kDa according to NP_055416.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Vessel. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Guilherme A, Soriano NA, Furcinitti PS, Czech MP. Role of EHD1 and EHBP1 in perinuclear sorting and insulin-regulated GLUT4 recycling in 3T3-L1 adipocytes. J Biol Chem. 2004 Sep 17;279(38):40062-75. Epub 2004 Jul 09..PMID: 15247266->

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**