

Goat anti-ACYP1 (isoform a) Antibody

Item Number	dAP-1002
Target Molecule	Principle Name: ACYP1 (isoform a); Official Symbol: ACYP1; All Names and Symbols: ACYP1; acylphosphatase 1, erythrocyte (common) type ; ACYPE ; erythrocyte acylphosphatase 1; Accession Number (s): NP_001098.1; Human Gene ID(s): 97; Non-Human GeneID(s): 66204 (mouse)
Immunogen	PKSHIDKANFNNEK, is from internal region This antibody is expected to recognize isoform a (NP_001098.1) only.
Applications	Pep ELISA, WB, IHC 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; 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 128000.
Western Blot	Western Blot: Approx 15kDa band observed in Human Testis lysates (calculated MW of 11.3kDa according to NP_001098.1). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Paoli P, Pazzagli L, Giannoni E, Caselli A, Manao G, Camici G, Ramponi G. A nucleophilic catalysis step is involved in the hydrolysis of aryl phosphate monoesters by human CT acylphosphatase. J Biol Chem. 2003 Jan 3;278(1):194-9. Epub 2002 Oct 29. .PMID: 12409302 ->

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**