

Goat anti-ENPP2 / AUTOTAXIN (aa698-712) Antibody

Item Number	dAP-2961
Target Molecule	Principle Name: ENPP2 / AUTOTAXIN (aa698-712); Official Symbol: ENPP2; All Names and Symbols: ENPP2; ectonucleotide pyrophosphatase/phosphodiesterase 2; ATX; ATX-X; AUTOTAXIN; LysoPLD; NPP2; PD-IALPHA; PDNP2; E-NPP 2; autotaxin-t; ectonucleotide pyrophosphatase/phosphodiesterase family member 2; extracellular lysophospholipase D; phosphodiesterase; Accession Number (s): NP_006200.3; NP_001035181.1, NP_001124335.1; Human Gene ID(s): 5168; Non-Human GeneID(s):
Immunogen	PDHLTSCVRPDVRVS, is from internal region This antibody is expected to recognize all reported isoforms (NP_006200.3; NP_001035181.1, NP_001124335.1).
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; 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 100kDa band observed in Human Placenta lysates (calculated MW of 105kDa according to NP_006200.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Li S, Xiong C, Zhang J. ATX and LPA receptor 3 are coordinately up-regulated in lipopoly-saccharide-stimulated THP-1 cells through PKR and SPK1-mediated pathways. FEBS Lett. 2012 Mar 23;586(6):792-7..PMID: 22314276->

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**