ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-NAT1 (aa272-286) Antibody

Item Number	dAP-3002
Target Molecule	Principle Name: NAT1 (aa272-286); Official Symbol: NAT1; All Names and Symbols: NAT1; N-acetyltransferase 1 (arylamine N-acetyltransferase); AAC1; MNAT; NAT-1; NATI; N-acetyltransferase type 1; arylamide acetylase 1; arylamine N-acetyltransferase 1; monomorphic arylamine N-acetyltransferase; Accession Number (s): NP_000653.3; NP_001153647.1; Human Gene ID(s): 9; Non-Human GeneID(s):
Immunogen	NISLQRKLVPKHGDR, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_000653.3; NP_001153647.1). Reported variants represent identical protein: NP_001153646.1, NP_001153642.1, NP_001153645.1,
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; 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 128000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Erythrocytes lysates (calculated MW of 33.9kDa according to NP_000653.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Millner LM, Doll MA, Stepp MW, States JC, Hein DW. Functional analysis of arylamine N-acetyltransferase 1 (NAT1) NAT1*10 haplotypes in a complete NATb mRNA construct. Carcinogenesis. 2012 Feb;33(2):348-55..PMID: 22114069->

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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