

Goat anti-NAT1 Antibody

Item Number	dAP-1667
Target Molecule	Principle Name: NAT1; Official Symbol: NAT1; All Names and Symbols: NAT1; N-acetyltransferase 1 (arylamine N-acetyltransferase); AAC1; NAT1; N-acetyltransferase 1; arylamide acetylase 1 (N-acetyltransferase 1); arylamine N-acetyltransferase 1; Accession Number (s): NP_000653.3; Human Gene ID(s): 9; Non-Human GeneID(s):
Immunogen	HSDLLEDSKYRKIY, is from internal region This antibody is not expected to cross-react with Human NAT2.
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 50kDa band in Human Liver lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 33.9kD
IHC	
Reference	Reference(s): Smelt VA, Upton A, Adjaye J, Payton MA, Boukouvava S, Johnson N, Mardon HJ, Sim E. Expression of arylamine N-acetyltransferases in pre-term placentas and in human pre-implantation embryos. Hum Mol Genet. 2000 Apr 12;9(7):1101-7..PMID: 10767335->

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**