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Research Use Only. Not for diagnostic or therapeutic use.

EB12304 - Goat Anti-NAT1 (aa272-286) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: NAT1

Accession Number(s): NP_000653.3; NP_001153647.1

Human GeneID(s): 9

Important Comments: 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, NP_001153644.1, NP_001153651.1, NP_001153643.1, NP_000653.3. Reported variants represent identical

protein: NP_001153647.1, NP_001153648.1.

Immunogen

Peptide with sequence C-NISLQRKLVPKHGDR, from the C Terminus of the protein sequence according to NP_000653.3; NP_001153647.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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:** Paraffin embedded Human Urethra. Recommended concentration: 5µg/ml.

Species Reactivity

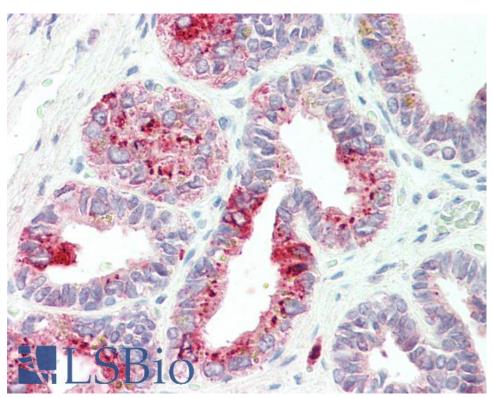
Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

15kDa

EB12304 (1μg/ml) staining of Human Erythrocytes lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12304 ($5\mu g/ml$) staining of paraffin embedded Human Urethra. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.