

## International Office

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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-NISLQRKLVPHGDR, 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.

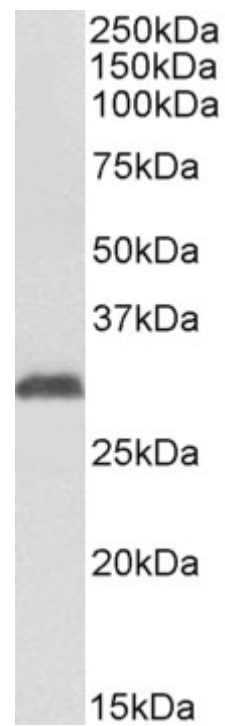
**Western blot:** Approx 30kDa band observed in Human Erythrocytes lysates (calculated MW of 33.9kDa according to NP\_000653.3). Recommended concentration: 1-3µg/ml.

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

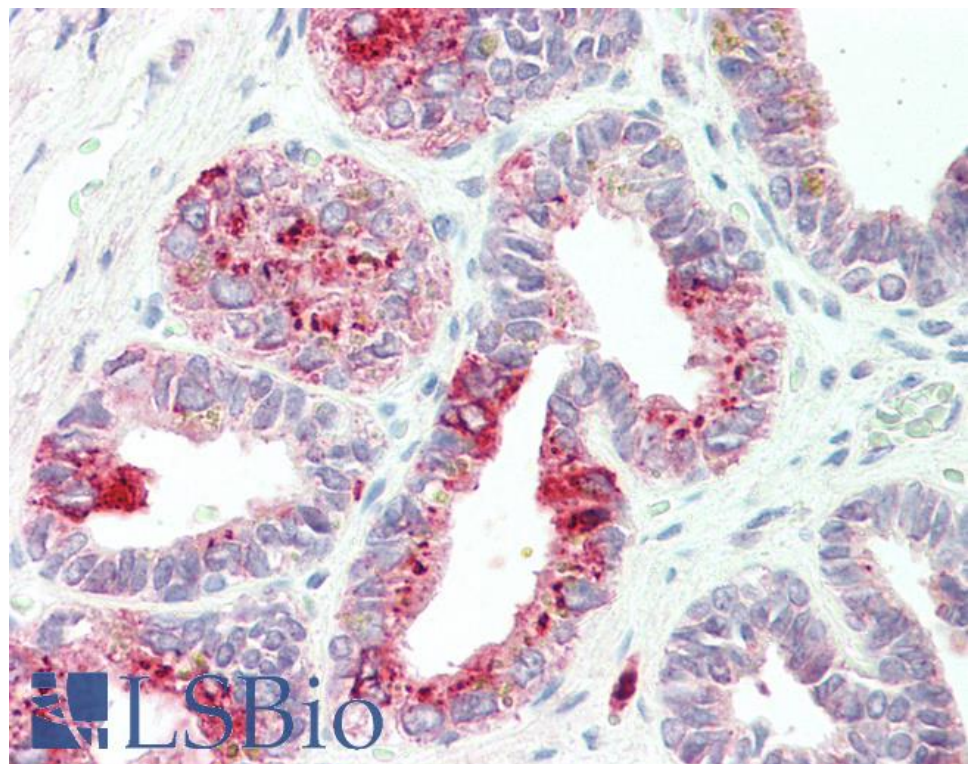
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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



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