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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB07244 - Goat Anti-NAT2 (aa177-188) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** arylamide acetylase 2 (N-acetyltransferase 2, isoniazid inactivation), arylamide acetylase 2, Arylamine N-acetyltransferase-2, AAC2, HGNC:7646, N-acetyltransferase 2 (arylamine N-acetyltransferase), NAT2

**Official Symbol:** NAT2

**Accession Number(s):** NP\_000006.1

**Human GeneID(s):** [10](#)

### Immunogen

Peptide with sequence C-NSHLLPKKKHQK, from the internal region of the protein sequence according to NP\_000006.1.

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 1:32000.

**Western blot:** Preliminary experiments in human colon, duodenum and liver lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human

### Background Reference

Chiou HL, Wu MF, Chien WP, Cheng YW, Wong RH, Chen CY, Lin TS, Lee H.

NAT2 fast acetylator genotype is associated with an increased risk of lung cancer among never-smoking women in Taiwan.

Cancer Lett. 2005 Jun 1;223(1):93-101. Epub 2005 Jan 18.

**PMID:** 15890241