



## International Office

### Everest Biotech Ltd

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

## EB08981 - Goat Anti-NOA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NOA1, nitric oxide associated 1, C4orf14, hAtNOS1, hNOA1, mAtNOS1, nitric oxide associated-1, nitric oxide synthase, mitochondrial (putative), nitric oxide-associated protein 1, putative ortholog of Arabidopsis mitochondrial nitric oxide synthase

**Official Symbol:** NOA1

**Accession Number(s):** NP\_115689.1

**Human GeneID(s):** [84273](#)

**Non-Human GeneID(s):** 56412 (mouse), 289562 (rat)

### Immunogen

Peptide with sequence ESDYCTAKGSEAIDR, from the internal region of the protein sequence according to NP\_115689.1.

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 gave an approx 30kDa band in Human Breast and in Breast cancer lysates after 0.5µg/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 78.5kDa according to NP\_115689.1. The 30kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat