

GOAT ANTI-NOA1 ANTIBODY

SKU: EB08981



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / NOA1| nitric oxide associated 1| C4orf14| hAtNOS1| hNOA1| mAtNOS1| nitric oxide associated-1| nitric oxide

Alias synthase, mitochondrial (putative)| nitric oxide-associated protein 1| putative ortholog of Arabidopsis

Names mitochondrial nitric oxide synthase

Accession ID NP_115689.1

Blocking Peptide EBP08981

Immunogen Peptide with sequence ESDYCTAKGSEAIR, from the internal region of the protein sequence according to NP_115689.1.

Peptide Sequence ESDYCTAKGSEAIR

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

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Rat

Human Gene ID 84273

Mouse Gene ID 56412

Rat Gene ID 289562

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png

ELISA Detection Limit 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?
Application Type	Pep-ELISA

DOCUMENTS

- [Data Sheet](#)