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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 / Alias 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
Accession ID	NP_115689.1
Blocking Peptide	EBP08981
Immunogen	Peptide with sequence ESDYCTAKGSEAIDR, from the internal region of the protein sequence according to NP_115689.1.
Peptide Sequence	ESDYCTAKGSEAIDR
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