

## Goat anti-NOA1 Antibody

<b>Item Number</b>	dAP-1728
<b>Target Molecule</b>	Principle Name: NOA1; Official Symbol: NOA1; All Names and Symbols: 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 Number (s): NP_115689.1; Human Gene ID(s): 84273; Non-Human GeneID(s): 56412 (mouse) 289562 (rat)
<b>Immunogen</b>	ESDYCTAKGSEAIDR, is from internal region
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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 ca
<b>IHC</b>	
<b>Reference</b>	Reference(s): Parihar A, Parihar MS, Chen Z, Ghafourifar P. mAtNOS1 induces apoptosis of human mammary adenocarcinoma cells. Life Sci. 2008 May 23;82(21-22):1077-82..PMID: 18456285->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**