



## Goat anti-CAPON / NOS1AP Antibody

<b>Item Number</b>	dAP-0127
<b>Target Molecule</b>	Principle Name: CAPON / NOS1AP; Official Symbol: NOS1AP; All Names and Symbols: NOS1AP; CAPON, MGC138500; nitric oxide synthase 1 (neuronal) adaptor protein; 6330408P19Rik; C-terminal PDZ domain ligand of neuronal nitric oxide synthase; C-terminal PDZ domain ligand of neuronal nitric oxide synthase (CAPON); ligand of neuronal nitric; Accession Number (s): NP_055512.1; NP_001158229.1; Human Gene ID(s): 9722; Non-Human GeneID(s): 70729 (mouse) 192363 (rat)
<b>Immunogen</b>	PSKTKYNLVDDGH, is from N Terminus This antibody is expected to recognise both reported isoforms.
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human
<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 1000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Brain shows localized cytoplasm staining in the neuronal cells. Recommended concentration, 4-6µg/ml.
<b>Reference</b>	Reference(s): Jaffrey SR, Snowman AM, Eliasson MJ, Cohen NA, Snyder SH. CAPON: a protein associated with neuronal nitric oxide synthase that regulates its interactions with PSD95. Neuron. 1998 Jan;20(1):115-24..PMID: 9459447->

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**