

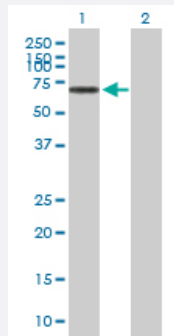
MaxPab®

NOS1AP purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009722-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NOS1AP expression in transfected 293T cell line ([H00009722-T02](#)) by NOS1AP MaxPab polyclonal antibody.

Lane 1: NOS1AP transfected lysate (55.66 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NOS1AP protein.
Immunogen	NOS1AP (NP_055512.1, 1 a.a. ~ 506 a.a) full-length human protein.
Sequence	MPSKTKYNLVDDGHDLRIPLHNEDAFQHGCFEAKYVGS LDVPRPNSRVEVAAMRRIRYEFKAKNI KKKKVSIMVSVDGVKVLKKKKKLLLLQKKEWTWDESKMLVMQDPIYRIFYVSHDSQDLKIFYIAR DGASNIFRCNVFKSKKKSQAMRIVRTVGQAFEVCHKLSLQHTQQNADGQEDGESERNSSSGD PGRQLTGAERASTATAEETDIDAVEVPLPGNDVLEFSRGVTDLDVAGKEGGSHTGSKVSHPQEP MLTASPRMLLPSSSSKPPGLGTETPLSTHHQMQLLQQLLQQQQQQQTQVAVAQVHLLKDQLAAEA AARLEAQARVHQLLLQNKDMLQHISLLVKQVQELEKLSGQNAMGSQDSLEITFRSGALPVLCD PTTPKPEDLHSPPLGAGLADFAHPAGSPLGRRDCLVKLECFRFLPPEDTPPPAQGEALLGGLLELI KFRESGIASEYESNTDESEERDSWSQEELPRLNLVLRQELGDGLDDEIAV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NOS1AP

Entrez GeneID [9722](#)

GeneBank Accession# [NM_014697](#)

Protein Accession# [NP_055512.1](#)

Gene Name NOS1AP

Gene Alias 6330408P19Rik, CAPON, MGC138500

Gene Description nitric oxide synthase 1 (neuronal) adaptor protein

Omim ID [605551 610141](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a cytosolic protein that binds to the signaling molecule, neuronal nitric oxide synthase (nNOS). This protein has a C-terminal PDZ-binding domain that mediates interactions with nNOS and an N-terminal phosphotyrosine binding (PTB) domain that binds to the small monomeric G protein, Dexas1. Studies of the related mouse and rat proteins have shown that this protein functions as an adapter protein linking nNOS to specific targets, such as Dexas1 and the synapsins. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations C-terminal PDZ domain ligand of neuronal nitric oxide synthase (CAPON)|OTTHUMP00000025714|ligand of neuronal nitric oxide synthase with carboxyl-terminal PDZ domain

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