

NOS1AP rabbit monoclonal antibody

Catalog # H00009722-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NOS1AP peptide using ARM Technology.
Immunogen	A synthetic peptide of human NOS1AP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NOS1AP peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NOS1AP

Entrez GeneID	9722
GeneBank Accession#	NOS1AP
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

Disease

- [Arrhythmias](#)
- [Atherosclerosis](#)
- [Bipolar Disorder](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Child Development Disorders](#)
- [Coronary Artery Disease](#)
- [Death](#)

- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Insulin Resistance](#)
- [Long QT syndrome](#)
- [Memory](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Obsessive-Compulsive Disorder](#)
- [Overweight](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Wounds and Injuries](#)