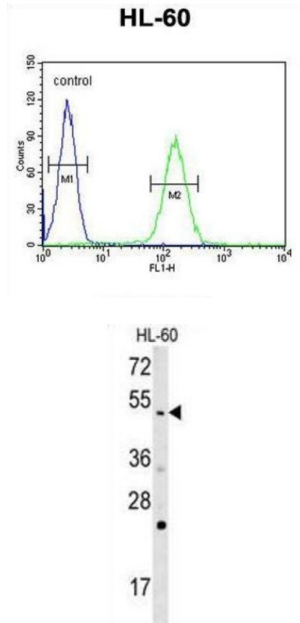


# Carboxyl-Terminal PDZ Ligand of Neuronal Nitric Oxide Synthase Protein (NOS1AP) Antibody

Catalogue No.: abx025659



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, *Dexras1*. 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 *Dexras1* and the synapsins. Alternative splicing results in multiple transcript variants encoding different isoforms.

<b>Target:</b>	Carboxyl-Terminal PDZ Ligand of Neuronal Nitric Oxide Synthase Protein (NOS1AP)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB, FCM
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/1000, FCM: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 437-466 amino acids from the Central region of human NOS1AP.

# Datasheet

Version: 2.0.0  
Revision date: 05 Jan 2025



<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	O75052 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	NOS1AP
<b>KEGG:</b>	hsa:9722
<b>String:</b>	<a href="#">9606.ENSP00000355133</a>
<b>Molecular Weight:</b>	Calculated MW: 56.2 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Specificity:</b>	Predicted to react with Mouse and Rat NOS1AP.
<b>Note:</b>	This product is for research use only.

For Reference Only