



Human NOS1AP blocking peptide (CDBP0672)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CAPON/NOS1AP antibody
Antigen Description	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. [provided by RefSeq, Sep 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	NOS1AP nitric oxide synthase 1 (neuronal) adaptor protein [Homo sapiens]
Official Symbol	NOS1AP
Synonyms	NOS1AP; nitric oxide synthase 1 (neuronal) adaptor protein; carboxyl-terminal PDZ ligand of

neuronal nitric oxide synthase protein; C terminal PDZ domain ligand of neuronal nitric oxide synthase; CAPON; KIAA0464; nitric oxide synthase 1 adaptor protein; C-terminal PDZ ligand of neuronal nitric oxide synthase protein; C-terminal PDZ domain ligand of neuronal nitric oxide synthase (CAPON); ligand of neuronal nitric oxide synthase with carboxyl-terminal PDZ domain; 6330408P19Rik; MGC138500;

Entrez Gene ID	9722
mRNA Refseq	NM_001126060
Protein Refseq	NP_001119532
UniProt ID	O75052
Chromosome Location	1q23.3
Function	PDZ domain binding; nitric-oxide synthase binding;