



NOSIP Polyclonal Antibody

Catalog No	YP-Ab-05856
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	NOSIP CGI-25
Immunogen	Synthesized peptide derived from human protein . at AA range: 220-300
Specificity	NOSIP Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CGI 25;eNOS interacting protein;NOSIP;NOSIP CGI-25;Nitric oxide synthase-interacting protein (eNOS-interacting protein)
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Cytoplasm . Nucleus . Translocates from nucleus to cytoplasm in the G2 phase of the cell cycle (PubMed:16135813).
Tissue Specificity	Expressed in heart, brain and lung. Present in endothelial cells (at protein level).
Function	domain:The U-box-like region is a truncated U-box domain. It is unknown whether it is functional or not.,function:Negatively regulates nitric oxide production by inducing NOS1 and NOS3 translocation to actin cytoskeleton and inhibiting their enzymatic activity.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the NOSIP family.,subcellular location:Translocates from nucleus to cytoplasm in the G2 phase of the cell cycle.,subunit:Interacts with NOS1 and NOS3.,tissue specificity:Expressed in heart, brain and lung. Present in endothelial cells (at protein level).,



Background

The protein encoded by this gene may modulate the activity and localization of nitric oxide synthase (endothelial and neuronal) and thus nitric oxide production. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2012],

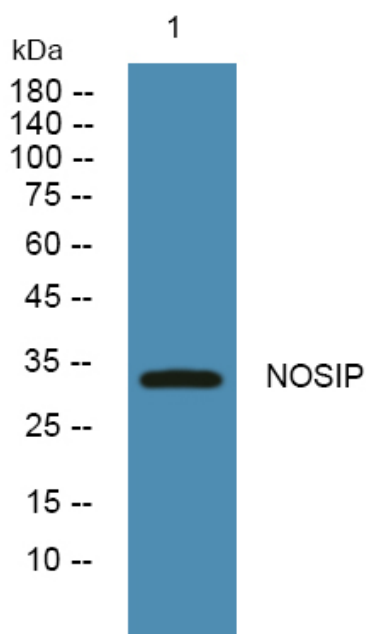
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night