



# NOSIP Polyclonal Antibody

<b>Catalog No</b>	BYab-05856
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	NOSIP CGI-25
<b>Protein Name</b>	Nitric oxide synthase-interacting protein (eNOS-interacting protein)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 220-300
<b>Specificity</b>	NOSIP Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	33kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Translocates from nucleus to cytoplasm in the G2 phase of the cell cycle (PubMed:16135813).
<b>Tissue Specificity</b>	Expressed in heart, brain and lung. Present in endothelial cells (at protein level).
<b>Function</b>	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).,
<b>Background</b>	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

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protein. [provided by RefSeq, Aug 2012],

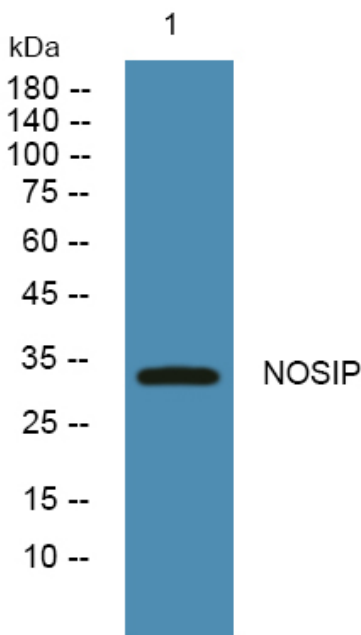
**matters needing attention**

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