

Anti-NOSIP antibody



Description	Unconjugated Rabbit polyclonal to NOSIP
Model	STJ191087
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human NOSIP protein.
Immunogen Region	220-300aa
Gene ID	51070
Gene Symbol	NOSIP
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	NOSIP Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in heart, brain and lung. Present in endothelial cells (at protein level).
Purification	NOSIP antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Nitric oxide synthase-interacting protein E3 ubiquitin-protein ligase NOSIP RING-type E3 ubiquitin transferase NOSIP eNOS-interacting protein
Molecular Weight	33 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17946 OMIM:616759
Alternative Names	Nitric oxide synthase-interacting protein E3 ubiquitin-protein ligase NOSIP RING-type E3 ubiquitin transferase NOSIP eNOS-interacting protein
Function	E3 ubiquitin-protein ligase that is essential for proper development of the forebrain, the eye, and the face. Catalyzes monoubiquitination of serine/threonine-protein phosphatase 2A (PP2A) catalytic subunit PPP2CA/PPP2CB . Negatively regulates nitric oxide production by inducing NOS1 and NOS3 translocation to actin cytoskeleton and inhibiting their enzymatic activity .
Sequence and Domain Family	The U-box-like region is a truncated U-box domain. It is unknown whether it is functional or not.
Cellular Localization	Cytoplasm Nucleus. Translocates from nucleus to cytoplasm in the G2 phase of the cell cycle .

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