

Rabbit anti-Human Nitric Oxide Synthase Interacting Protein (NOSIP) Polyclonal Antibody | anti-NOSIP antibody

Polyclonal Antibody to Nitric Oxide Synthase Interacting Protein (NOSIP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135004	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Nitric Oxide Synthase Interacting Protein (NOSIP); Polyclonal Antibody; Polyclonal Antibody to Nitric Oxide Synthase Interacting Protein (NOSIP); anti-NOSIP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NOSIP. It has been selected for its ability to recognize NOSIP in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-GYLYEREA ILEYILHQKK EIARQMKAYE KQRGTRREEQ KELQRAASQD HVRGFLEKES AIVSRPLNPF TAKALSGTSP DDVQPGPSVG PPSKDKDKVL PSFWIPSLTP EAKATKLEKP SRTVTCPSMG KPLRMSDLTP VHFTPLDSSV DRVGLITRSE RYVCAVTRDS LSNATPCAVL RPSGAVVTLE CVEKLIRKDM V
Sequence Length	154
Applicable Applications for anti-NOSIP antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NOSIP (Gly62~Ser295) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type 293T cell lysate; Lane 2: NOSIP knockout 293T cell lysate; Predicted MW: 33kd Observed MW: 35kd Primary Ab: 5ug/ml Rabbit Anti-Human NOSIP Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Kidney Tissue



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Heart tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NOSIP antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	401709927
NCBI GeneID	51070
NCBI Accession #	NP_001257889.1
NCBI GenBank Nucleotide #	NM_001270960.1
UniProt Accession #	Q9Y314; Q96FD2
Molecular Weight	33,172 Da
NCBI Official Full Name	nitric oxide synthase-interacting protein
NCBI Official Synonym Full Names	nitric oxide synthase interacting protein
NCBI Official Symbol	NOSIP
NCBI Official Synonym Symbols	CGI-25
NCBI Protein Information	nitric oxide synthase-interacting protein
UniProt Protein Name	Nitric oxide synthase-interacting protein
UniProt Gene Name	NOSIP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nitric-oxide-synthase-interacting-protein-nosip-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135004>