

Datasheet for ABIN2786901
anti-NOSIP antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NOSIP
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Rat, Zebrafish (Danio rerio), Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOSIP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NOSIP
Sequence:	LSRDAVKDFD CCCLSLQPCH DPVVTDPGYL YEREAILEYI LHQKKEIARQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 77%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NOSIP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NOSIP
---------	-------

Target Details

Alternative Name:	NOSIP (NOSIP Products)
Background:	<p>NOSIP negatively regulates nitric oxide production by inducing NOS1 and NOS3 translocation to actin cytoskeleton and inhibiting their enzymatic activity.</p> <p>Alias Symbols: CGI-25</p> <p>Protein Interaction Partner: UBC, WWOX, HECW2, DDX42, Nos1, NOS3, KPNA1, CUL3, SUMO2, EPOR,</p> <p>Protein Size: 301</p>
Molecular Weight:	33 kDa
Gene ID:	51070
NCBI Accession:	NM_015953 , NP_057037
UniProt:	Q9Y314

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 301 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-NOSIP

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: OVCAR-3 cell lysate

NOSIP is supported by BioGPS gene expression data to be expressed in OVCAR3

Western Blotting

Image 2. WB Suggested Anti-NOSIP Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: OVCAR-3 cell lysate