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Datasheet for ABIN2786901 anti-NOSIP antibody (N-Term)

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 DPVVTPDGYL 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

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Target Details

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

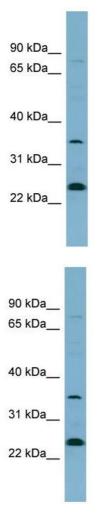
Application Details

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.

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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

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