

## Immunotag™ NOSIP Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0983
Product Description	Immunotag™ NOSIP Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NOSIP
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 220-300
Specificity	NOSIP Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NOSIP CGI-25
Accession No.	Q9Y314 Q9D6T0
Description	nitric oxide synthase interacting protein(NOSIP) Homo sapiens 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 protein. [provided by RefSeq, Aug 2012],
Protein Expression	B-cell,Brain,Placenta,

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Subcellular Localization	Golgi membrane,nucleus,cytoplasm,cytosol,
Protein Function	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).,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.