

NOSTN rabbit pAb

Cat No.:ES14467

For research use only

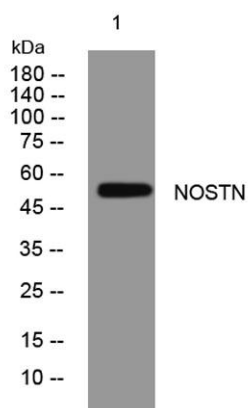
Overview

Product Name	NOSTN rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human NOSTN AA range: 309-359
Specificity	This antibody detects endogenous levels of NOSTN at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NOSTN
Gene Name	NOSTRIN
Cellular localization	[Isoform 1]: Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle . Cytoplasm, cytoskeleton . Enriched in selected actin structures (PubMed:16234328, PubMed:16376344).; [Isoform 3]: Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	115677
Human Swiss-Prot Number	Q8IVI9
Alternative Names	
Background	Nitric oxide (NO) is a potent mediator in biologic processes such as neurotransmission, inflammatory response, and vascular homeostasis. NOSTRIN binds the enzyme responsible for NO production, endothelial NO synthase (ENOS; MIM 163729), and





triggers the translocation of ENOS from the plasma membrane to vesicle-like subcellular structures, thereby attenuating ENOS-dependent NO production.[supplied by OMIM, Apr 2004],



Western blot analysis of lysates from MDA-MB cells, primary antibody was diluted at 1:1000, 4° over night

