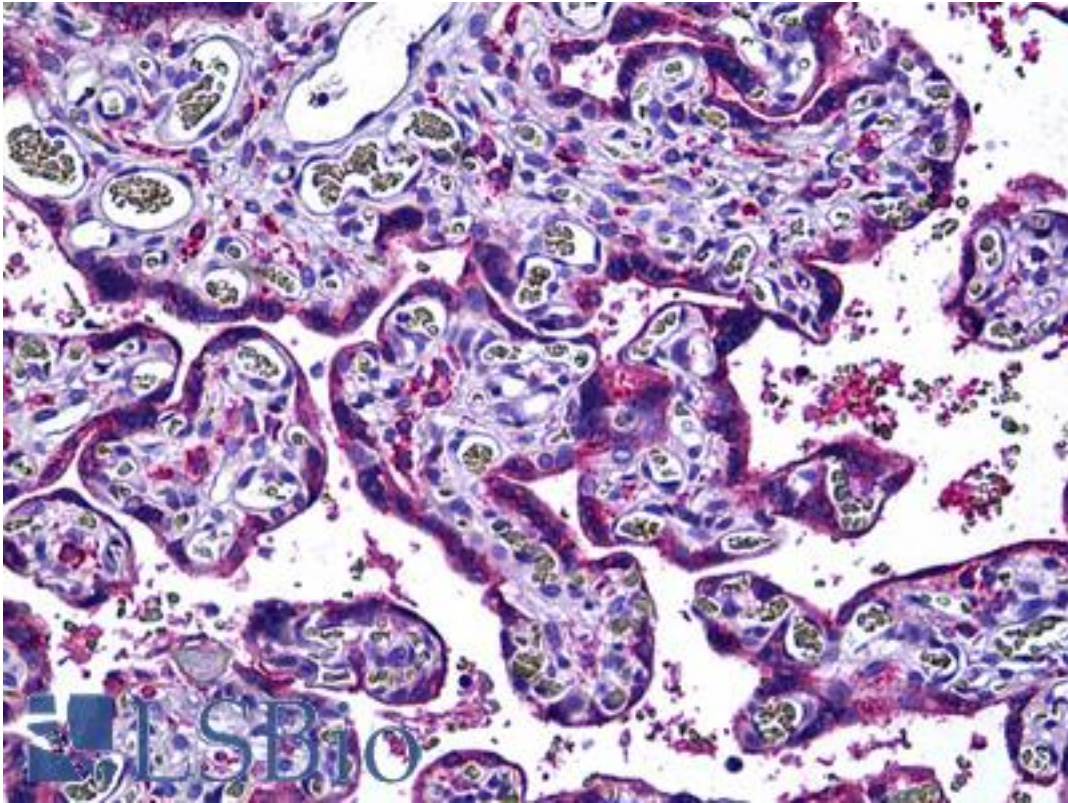


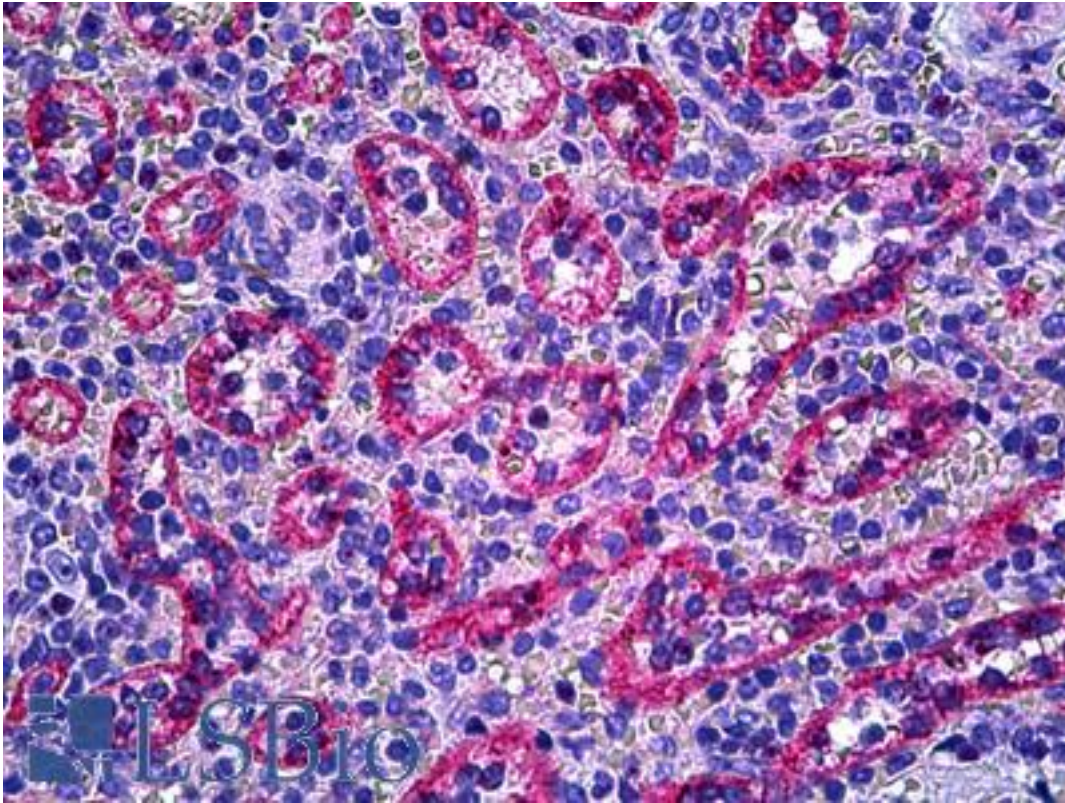
NOS3 / eNOS Rabbit anti-Human Polyclonal (aa1181-1194) Antibody - LS-B5676 - LSBio	
CatalogID:	LS-B5676
Validation:	This antibody replaces catalog number LS-C37746. It has been validated for use in the following assays: IHC-P.
Target:	nitric oxide synthase 3 (endothelial cell) (NOS3)
Synonyms:	NOS3 Antibody, Constitutive NOS Antibody, CNOS Antibody, Endothelial NOS Antibody, ECNOS Antibody, NOS type III Antibody, NOSIII Antibody, EC-NOS Antibody, ENOS Antibody, Nitric oxide synthase 3 Antibody
Host	NOS3 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	NOS3 / eNOS antibody was raised against Human
Antigen Type:	Synthetic peptide - KLH conjugated
Immunogen:	NOS3 / eNOS antibody was raised against kLH-conjugated, synthetic peptide corresponding to aa1181-1194 (C-QERQLRGAVPWAFD) of human eNOS/NOS III. The immunizing sequence has 10/11 identical amino acids in mouse, guinea pig, bovine, porcine, rat and canine. Percent identity by BLAST analysis: Human, Gorilla, Monkey, Elephant, Rabbit (100%); Mouse, Rat, Hamster, Panda, Bovine, Guinea pig (93%); Dog, Bat, Pig (86%).
Specificity:	Recognizes eNOS/NOS III, Mr ~135kD. Species cross-reactivity: Human and bovine. Predicted to cross-react with mouse, guinea pig, porcine, rat and canine based on sequence homology.
Epitope:	aa1181-1194
Reactivity:	Human, Gorilla, Monkey, Rabbit
Predicted Reactivity:	Mouse, Rat, Bovine, Guinea pig, Hamster
Purification:	Protein A purified
Presentation:	PBS, pH 7.6, 0.07% sodium azide, before the addition of glycerol to 30%
Recommended Storage:	May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C
Usage Summary:	Suitable for use in Western Blot and IHC-P. Western Blot Analysis: 0.5-2 ug/ml of this lot detected eNOS/NOS III in RIPA lysates from HUVEC cells.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-ENOS antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5676 concentration 5 ug/ml.

Immunohistochemistry Image:



Anti-ENOS antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5676 concentration 5 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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