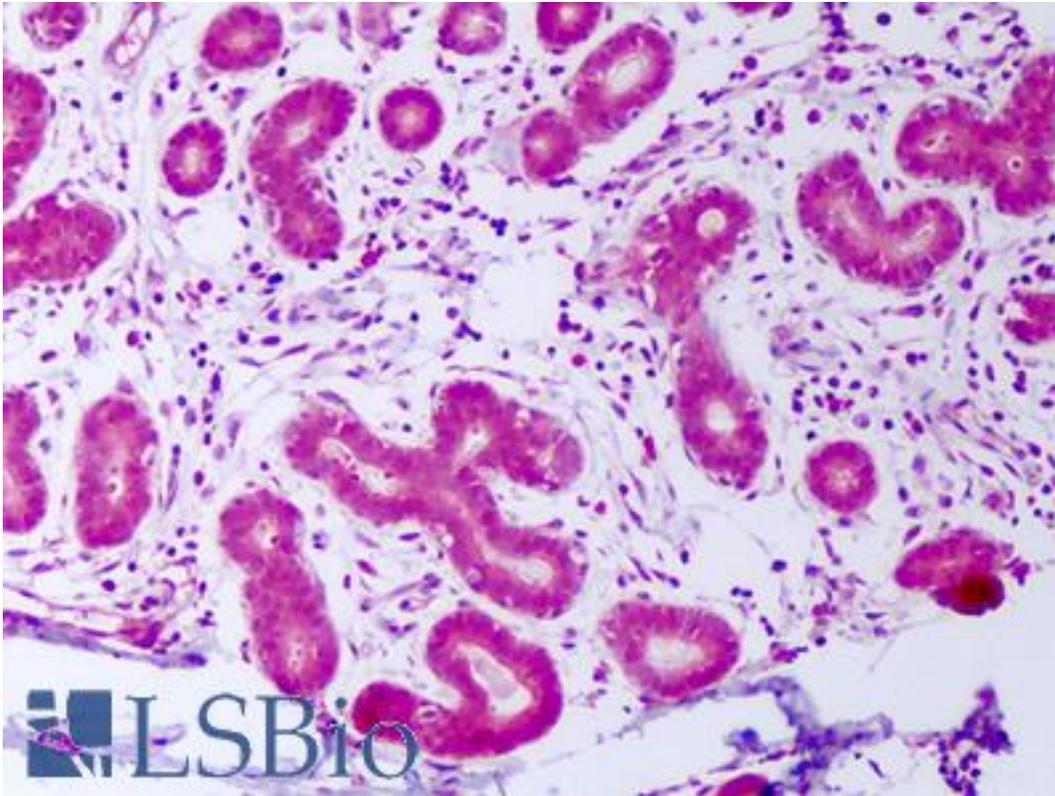


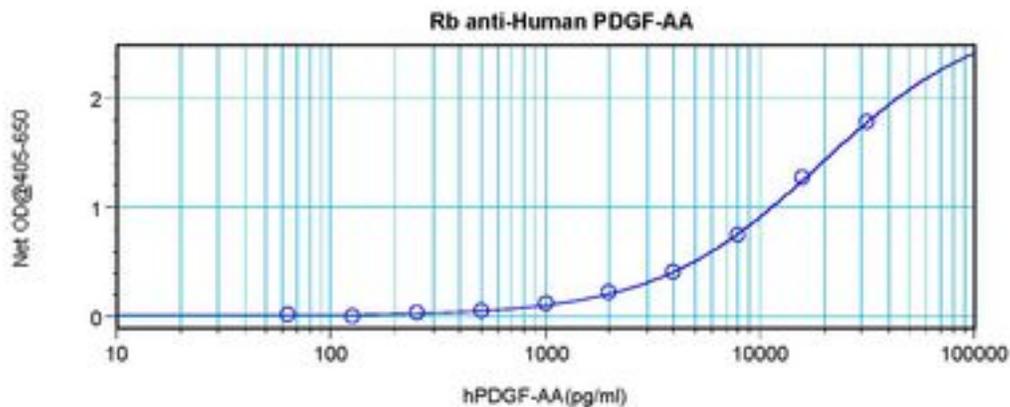
PDGFA / PDGF-A Rabbit anti-Human Polyclonal Antibody - LS-B7488 - LSBio	
CatalogID:	LS-B7488
Validation:	This antibody replaces catalog number LS-C104808. It has been validated for use in the following assays: IHC-P.
Target:	platelet-derived growth factor alpha polypeptide (PDGFA)
Synonyms:	PDGFA Antibody, PDGF-A Antibody, PDGF A-chain Antibody, PDGF subunit A Antibody, PDGF-1 Antibody, PDGF1 Antibody
Family / Subfamily:	PDGF / not assigned-PDGF
Host	PDGFA antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	PDGFA / PDGF-A antibody was raised against Human
Antigen Type:	Cell extract
Immunogen:	PDGFA / PDGF-A antibody was raised against e.coli derived recombinant Human PDGF-AA.
Specificity:	Human PDGF-AA
Reactivity:	Human
Purification:	Immunoaffinity purified
Reconstitution:	Sterile water. Possible additional volumes for resuspension: 50 µl
Presentation:	Lyophilized from PBS, pH 7.2
Recommended Storage:	Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B7488 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/ml is recommended. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hPDGF-AA (5 ng/ml), a concentration of 0.13-0.20 µg/ml of this antibody is required. ELISA: To detect hPDGF-AA by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human PDGF-AA (LS-C104676) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hPDGF-AA. Western Blot: To detect hPDGF-AA by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hPDGF-AA is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (0.1 - 0.2 µg/ml), ELISA, Neutralization (5 - 7 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml (after resuspension)

Immunohistochemistry Image:



Anti-PDGFA antibody IHC of human breast, epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B7488 concentration 5 ug/ml.

ELISA Image:



Sandwich ELISA of PDGFA antibody LS-B7488

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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