

Product Datasheet

PLA2R1 Antibody - BSA Free NBP1-84449

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 9

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Updated 9/9/2025 v.20.1

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NBP1-84449

PLA2R1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

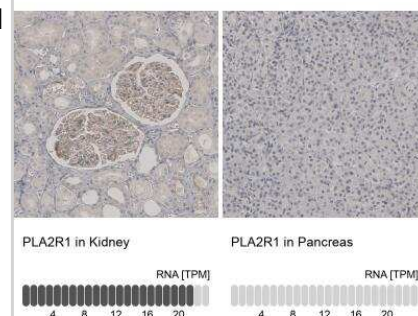
Description	Novus Biologicals Rabbit PLA2R1 Antibody - BSA Free (NBP1-84449) is a polyclonal antibody validated for use in IHC and WB. Anti-PLA2R1 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	22925
Gene Symbol	PLA2R1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EEKTWHEALRSCQADNSALIDITSLAEVEFLVTLLGDENASETWIGLSSNKIPVS FEWSNDSSVIFTNWHITLPHIFPNRSQLCVSAEQSEGHWKVKNCERLFYICK KAGHVLSDAESGCQEGWERHGGFCYKID

Product Application Details

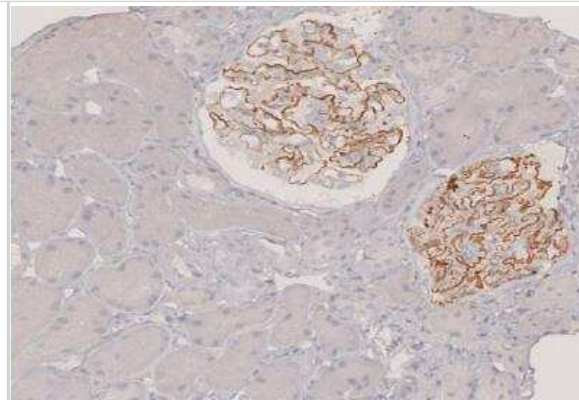
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

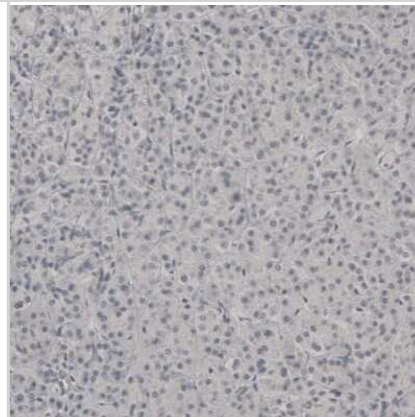
Immunohistochemistry-Paraffin: PLA2R1 Antibody [NBP1-84449] - Staining in human kidney and pancreas tissues. Corresponding PLA2R1 RNA-seq data are presented for the same tissues.



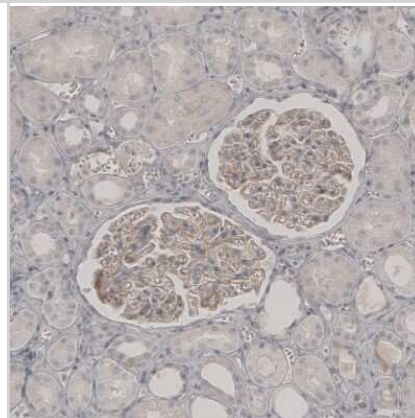
Immunohistochemistry-Paraffin: PLA2R1 Antibody [NBP1-84449] - Staining of human kidney (idiopathic membranous nephropathy) shows strong membranous positivity in cells in glomeruli.



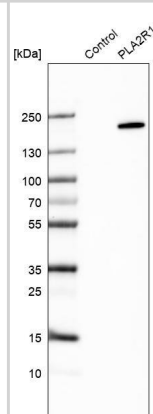
Immunohistochemistry-Paraffin: PLA2R1 Antibody [NBP1-84449] - Immunohistochemical staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: PLA2R1 Antibody [NBP1-84449] - Staining of human kidney shows weak membranous positivity in cells in glomeruli.



Analysis in control (vector only transfected HEK293T lysate) and PLA2R1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells, LY423477).



Publications

Ke B, Shen W, Liao Y et al. APC ameliorates idiopathic membranous nephropathy by affecting podocyte apoptosis through the ERK1/2/YB-1/PLA2R1 axis Molecular and cellular biochemistry 2023-01-02 [PMID: 36588134] (WB, Human)

Iwakura T, Ohashi N, Kato A et al. Prevalence of Enhanced Granular Expression of Thrombospondin Type-1 Domain-Containing 7A in the Glomeruli of Japanese Patients with Idiopathic Membranous Nephropathy. PLoS One 2015-01-01 [PMID: 26393352] (IF/IHC, Human)

Dauvergne M, Moktefi A, Rabant M et al. Membranous Nephropathy Associated With Immunological Disorder-Related Liver Disease: A Retrospective Study of 10 Cases. Medicine (Baltimore) 2015-07-01 [PMID: 26222864] (IF/IHC, Human)

Akiyama S, Akiyama M, Imai E et al. Prevalence of anti-phospholipase A2 receptor antibodies in Japanese patients with membranous nephropathy. Clin Exp Nephrol 2015-08-01 [PMID: 25412738] (WB, Human)

Augert A, Vindrieux D, Girard CA et al. PLA2R1 kills cancer cells by inducing mitochondrial stress. Free Radic Biol Med 2013-12-01 [PMID: 23994771]

Svobodova B, Honsova E, Ronco P et al. Kidney biopsy is a sensitive tool for retrospective diagnosis of PLA2R-related membranous nephropathy. Nephrol Dial Transplant 2013-07-01 [PMID: 23223223]

Hoxha E, Kneibetaler U, Stege G et al. Enhanced expression of the M-type phospholipase A2 receptor in glomeruli correlates with serum receptor antibodies in primary membranous nephropathy. Kidney Int 2012-10-01 [PMID: 22673885]

Debiec H, Martin L, Jouanneau C et al. Autoantibodies specific for the phospholipase A2 receptor in recurrent and? De Novo?membranous nephropathy. Am J Transplant 2011-10-01 [PMID: 21827616]

Debiec H, Ronco P et al. PLA2R autoantibodies and PLA2R glomerular deposits in membranous nephropathy. N Engl J Med 2011-02-01 [PMID: 21323563]





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Products Related to NBP1-84449

NBP1-84449PEP	PLA2R1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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