

# Product Datasheet

## PLA2G2A Antibody NBP2-42399

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-42399**

## PLA2G2A Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat PLA2G2A Antibody (NBP2-42399) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-PLA2G2A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5320
Gene Symbol	PLA2G2A
Species	Human
Specificity/Sensitivity	Reported variants represent identical protein: NP_001155199.1, NP_000291.1, NP_001155201.1, NP_001155200.1.
Immunogen	Peptide with sequence C-SYKFSNSGSRIT corresponding to internal region according to NP_000291.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 19 kDa band observed in human placenta lysates (calculated MW of 16.1 kDa band according to NP_000291.1).

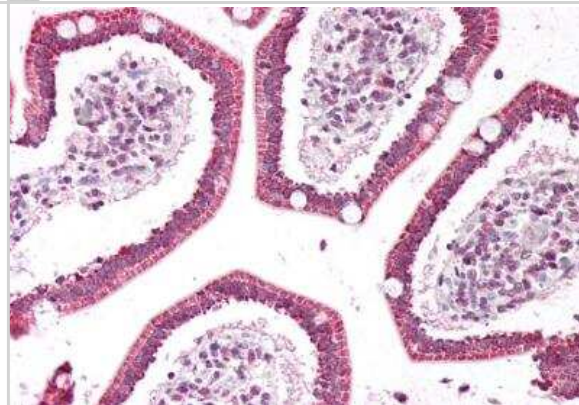


## Images

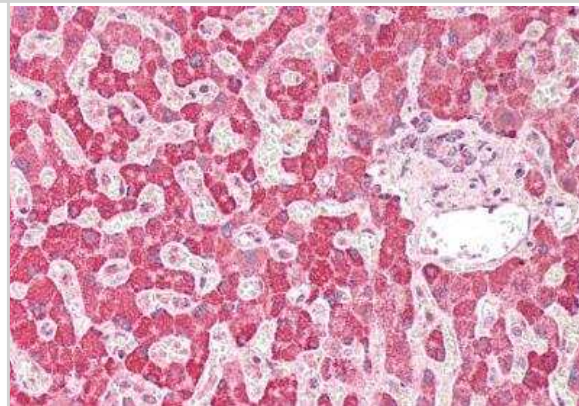
Western Blot: PLA2G2A Antibody [NBP2-42399] - Analysis of Human Placenta lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: PLA2G2A Antibody [NBP2-42399] - Staining of paraffin embedded Human Small Intestine. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: PLA2G2A Antibody [NBP2-42399] - Staining of paraffin embedded Human Liver. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Villanueva EB, Little JP, Lambeau G, Klegeris A. Secreted phospholipase A(2) group IIA is a neurotoxin released by stimulated human glial cells. *Mol Cell Neurosci* 2012-04-01 [PMID: 22406427]



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### Products Related to NBP2-42399

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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### 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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