

# Product Datasheet

## GPAT2 Antibody NBP1-84360

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

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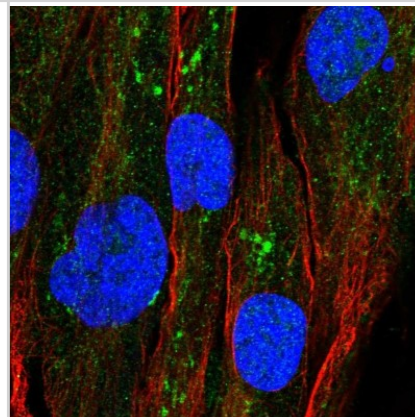
**NBP1-84360**

## GPAT2 Antibody

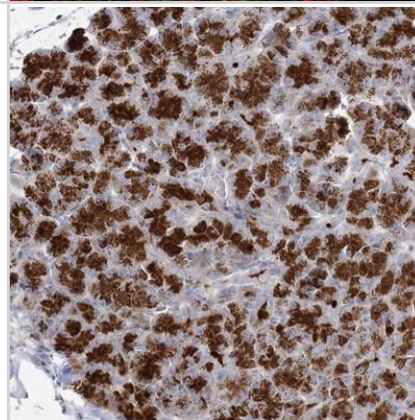
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	150763
<b>Gene Symbol</b>	GPAT2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Expected species cross reactivity based on sequence homology: Mouse (86%), Rat (86%). Human reactivity reported in scientific literature (PMID: 24967918).
<b>Specificity/Sensitivity</b>	Specificity of antibody verified on a Protein Array containing target protein plus 383 other non-specific proteins.
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids:HQKGVFLSQLLGEFSWLTEEILLRGFDVGFSGQLRSLLQHSLSLRAHVALLRIRQGDLLVVPQPGPGLTHLA
Product Application Details	
<b>Applications</b>	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1-4 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For HIER pH6 retrieval is recommended.

## Images

Immunocytochemistry/Immunofluorescence: GPAT2 Antibody [NBP1-84360] - Staining of human cell line BJ shows localization to mitochondria.



Immunohistochemistry-Paraffin: GPAT2 Antibody [NBP1-84360] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



## Publications

Pellon-Maison M, Montanaro MA, Lacunza E et al. Glycerol-3-Phosphate Acyltransferase-2 Behaves as a Cancer Testis Gene and Promotes Growth and Tumorigenicity of the Breast Cancer MDA-MB-231 Cell Line. PLoS One 2014 [PMID: 24967918] (IHC, Human)

Cattaneo ER, Pellon-Maison M, Rabassa ME et al. Glycerol-3-phosphate acyltransferase-2 is expressed in spermatid germ cells and incorporates arachidonic acid into triacylglycerols. PLoS One 2012 [PMID: 22905194]



### Novus Biologicals USA

8100 Southpark Way, A-8  
Littleton, CO 80120  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### Novus Biologicals Canada

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### Novus Biologicals Europe

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### Products Related to NBP1-84360

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NBP1-84360PEP	GPAT2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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