

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.

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NBP1-84360

GPAT2 Antibody

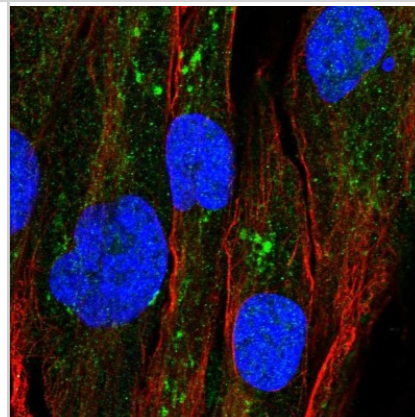
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	150763
Gene Symbol	GPAT2
Species	Human
Reactivity Notes	Expected species cross reactivity based on sequence homology: Mouse (86%), Rat (86%). Human reactivity reported in scientific literature (PMID: 24967918).
Specificity/Sensitivity	Specificity of antibody verified on a Protein Array containing target protein plus 383 other non-specific proteins.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids:HQKGVFLSQLLGEFSWLTEEILLRGFDVGFSGQLRSLLQHSLSLRAHVALLRIRQGDLLVVPQPGPGLTHLA

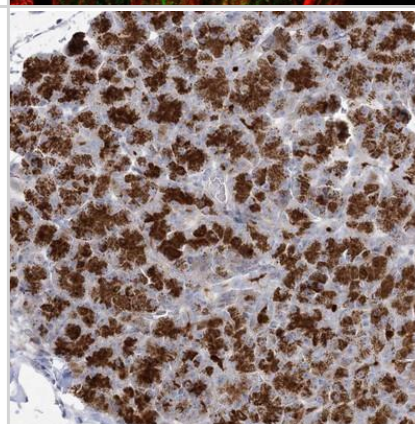
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1-4 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

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]



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Products Related to NBP1-84360

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

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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