

Product Datasheet

GPAM Antibody - BSA Free

NBP1-76907

Unit Size: 0.1 mg

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

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NBP1-76907

GPAM Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
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	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	92 kDa

Product Description

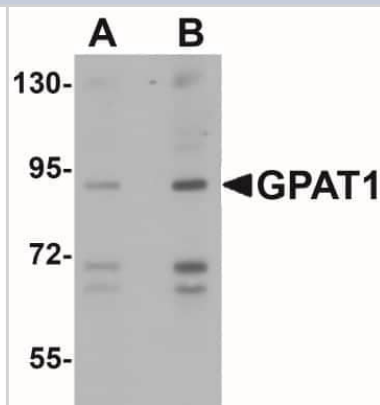
Host	Rabbit
Gene ID	57678
Gene Symbol	GPAM
Species	Human, Mouse, Rat
Specificity/Sensitivity	At least four isoforms of GPAT1 are known to exist; this antibody will detect only the two largest isoforms.
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of the human GPAT1. The immunogen is located within amino acids 730 - 780 of GPAT1. Amino Acid Sequence: SGPVPEPEYLQKLHK

Product Application Details

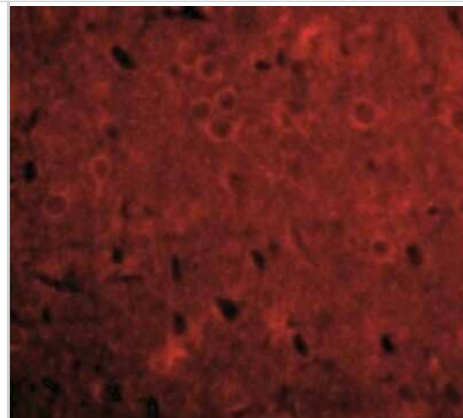
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin

Images

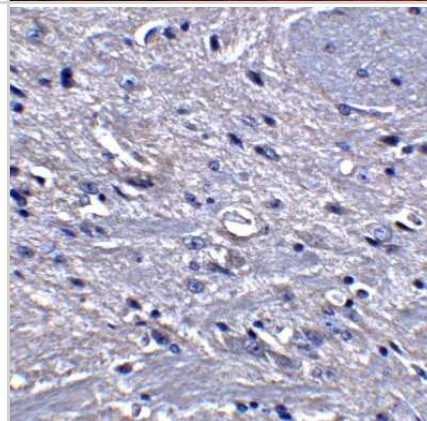
Western Blot: GPAM Antibody [NBP1-76907] - Western blot analysis of GPAT1 in rat brain tissue lysate with GPAT1 antibody at (A) 1 and (B) 2 ug/mL.



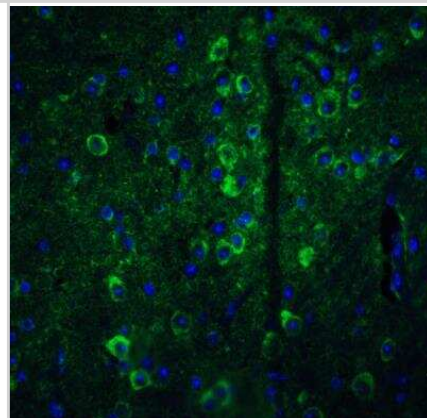
Immunocytochemistry/Immunofluorescence: GPAM Antibody [NBP1-76907] - Immunofluorescence of GPAT1 in Rat Brain tissue with GPAT1 antibody at 20 ug/mL.



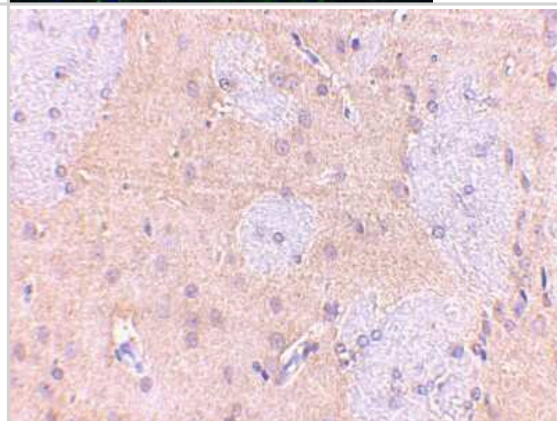
Immunohistochemistry-Paraffin: GPAM Antibody [NBP1-76907] - Staining of GPAT1 in mouse brain tissue with GPAT1 antibody at 5 ug/ml.



Immunocytochemistry/Immunofluorescence: GPAM Antibody [NBP1-76907] - Mouse brain tissue with GPAT1 antibody at 20 ug/m, Green: GPAT1 Antibody Blue: DAPI staining



Immunohistochemistry-Paraffin: GPAM Antibody [NBP1-76907] - Rat brain with GPAM antibody at 2.5 ug/ml.



Publications

Liao K, Pellicano A, Jiang K et al. Glycerol-3-phosphate Acyltransferase1 Is a Model-Agnostic Node in Nonalcoholic Fatty Liver Disease: Implications for Drug Development and Precision Medicine ACS Omega 2020-07-28 [PMID: 32743224] (IF/IHC, Mouse)



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Products Related to NBP1-76907

NBP1-76907PEP	GPAM Antibody Blocking Peptide
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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