

Product Datasheet

GAMT Antibody - BSA Free

NBP2-14036

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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Updated 12/2/2025 v.20.1

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NBP2-14036

GAMT Antibody - BSA Free

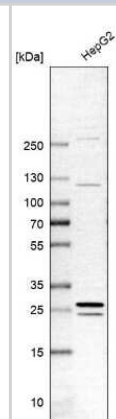
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit GAMT Antibody - BSA Free (NBP2-14036) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2593
Gene Symbol	GAMT
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: DGILYDTYPLSEETWHTHQFNFIKNHAFRLKPGGVLTTCNLTSWGELMKSKEYS DITIMFEETQVP

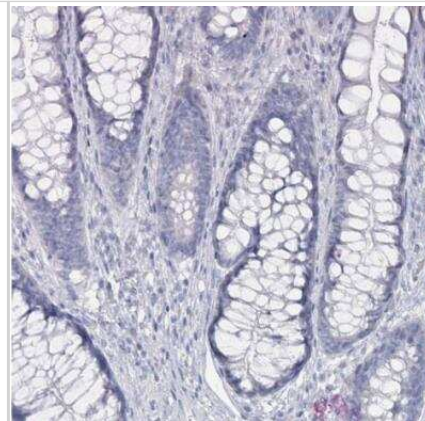
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

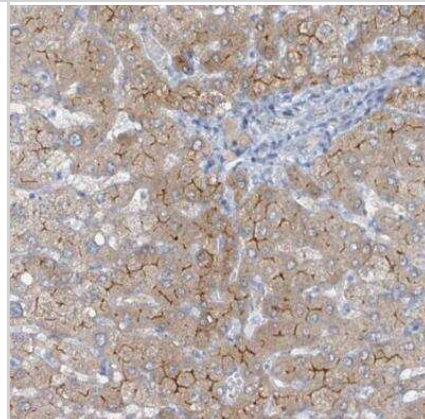
Western Blot: GAMT Antibody [NBP2-14036] - Analysis in human cell line HepG2.



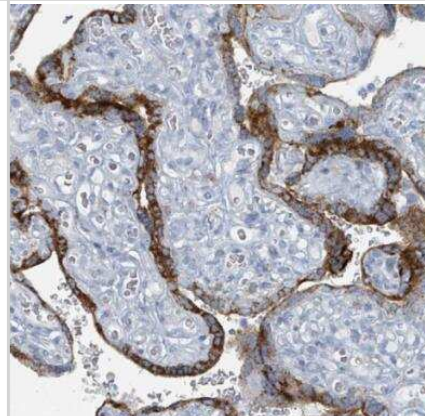
Immunohistochemistry-Paraffin: GAMT Antibody [NBP2-14036] - Staining of human rectum shows no positivity in glandular cells as expected.



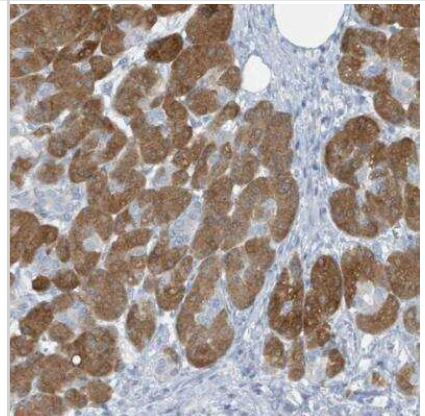
Immunohistochemistry-Paraffin: GAMT Antibody [NBP2-14036] - Staining of human liver shows weak to moderate cytoplasmic positivity in hepatocytes and moderate staining of bile canaliculi.



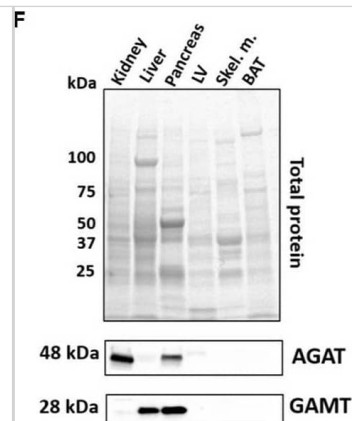
Immunohistochemistry-Paraffin: GAMT Antibody [NBP2-14036] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: GAMT Antibody [NBP2-14036] - Staining of human pancreas shows moderate to strong cytoplasmic positivity in exocrine glandular cells.



Expression levels of creatine biosynthetic enzymes in a panel of C57BL/6J mouse tissues. (A,D) mRNA and protein levels respectively, for AGAT. (B,E) mRNA and protein levels, respectively for GAMT. (C) mRNA levels for Slc6A8 (Creatine transporter). (F) Representative images from protein electrophoresis showing total protein panel used for normalization purposes, in addition to protein signal detected for AGAT (48 kDa) and GAMT (28 kDa). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36017222>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





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Products Related to NBP2-14036

NBP2-14036PEP	GAMT Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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