

Product Datasheet

HM74A/PUMA-G/GPR109A/NIACR1 Antibody - BSA Free NBP1-92180

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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NBP1-92180

HM74A/PUMA-G/GPR109A/NIACR1 Antibody - BSA Free

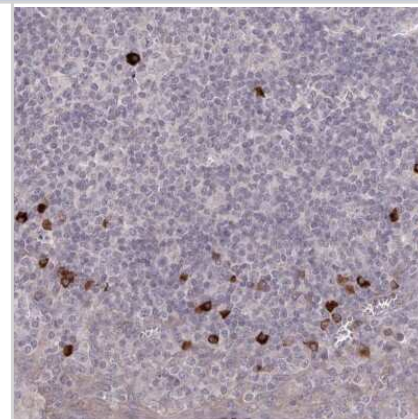
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	338442
Gene Symbol	HCAR2
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 25622782). Use in Mouse reported in scientific literature (PMID:32377164). Use in Bovine reported in scientific literature (PMID: 32397071).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NRCLQRKMTGEPDNNRSTSVELTGDPNKTGRGAPEALMANS GEPWSPSYLGP

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot Reported in scientific literature (PMID 25622782)., Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated Reported in scientific publication (PMID: 32397071).
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval method is recommended.

Images

Immunohistochemistry-Paraffin: HM74A/PUMA-G/GPR109A/NIACR1 Antibody [NBP1-92180] - Staining of human tonsil shows strong cytoplasmic positivity in non-germinal center cells.



Publications

Yang Y, Pei T, Hu X et al. Dietary vitamin B3 supplementation induces the antitumor immunity against liver cancer via biased GPR109A signaling in myeloid cell Cell Reports Medicine 2024-09-17 [PMID: 39293389]

Chen J, Lin T, Zhang S et al. Niacin/?-hydroxybutyrate regulates milk fat and milk protein synthesis via the GPR109A/Gi/mTORC1 pathway Food & function 2023-03-20 [PMID: 36866679]

Lee W, Yu H, Tain Y et al. Vinpocetine Ameliorates Metabolic-Syndrome-Associated Bladder Overactivity in Fructose-Fed Rats by Restoring Succinate-Modulated cAMP Levels and Exerting Anti-Inflammatory Effects in the Bladder Detrusor Muscle Biomedicines 2022-10-26 [PMID: 36359236] (WB, Rat)

Guo W, Liu J, Li W et al. Niacin Alleviates Dairy Cow Mastitis by Regulating the GPR109A/AMPK/NRF2 Signaling Pathway Int J Mol Sci 2020-05-08 [PMID: 32397071] (KD, WB, IF/IHC, Bovine)

Sun J, Yuan B, Wu Y et al. Sodium Butyrate Protects N2a Cells against A beta Toxicity In Vitro Mediators of Inflammation 2020-04-15 [PMID: 32377164] (WB, Mouse)

Wong TP, Chan LK, Leung PS. Involvement of the Niacin Receptor GPR109a in the LocalControl of Glucose Uptake in Small Intestine of Type 2Diabetic Mice. Nutrients 2015-09-15 [PMID: 26371038] (WB, Human)

Chen L, So WY, Li SY et al. Niacin-induced hyperglycemia is partially mediated via niacin receptor GPR109a in pancreatic islets Mol. Cell. Endocrinol. 2015-01-23 [PMID: 25622782] (WB, Rat)





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Products Related to NBP1-92180

NBP1-92180PEP	HM74A/PUMA-G/GPR109A/NIACR1 Recombinant Protein Antigen
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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