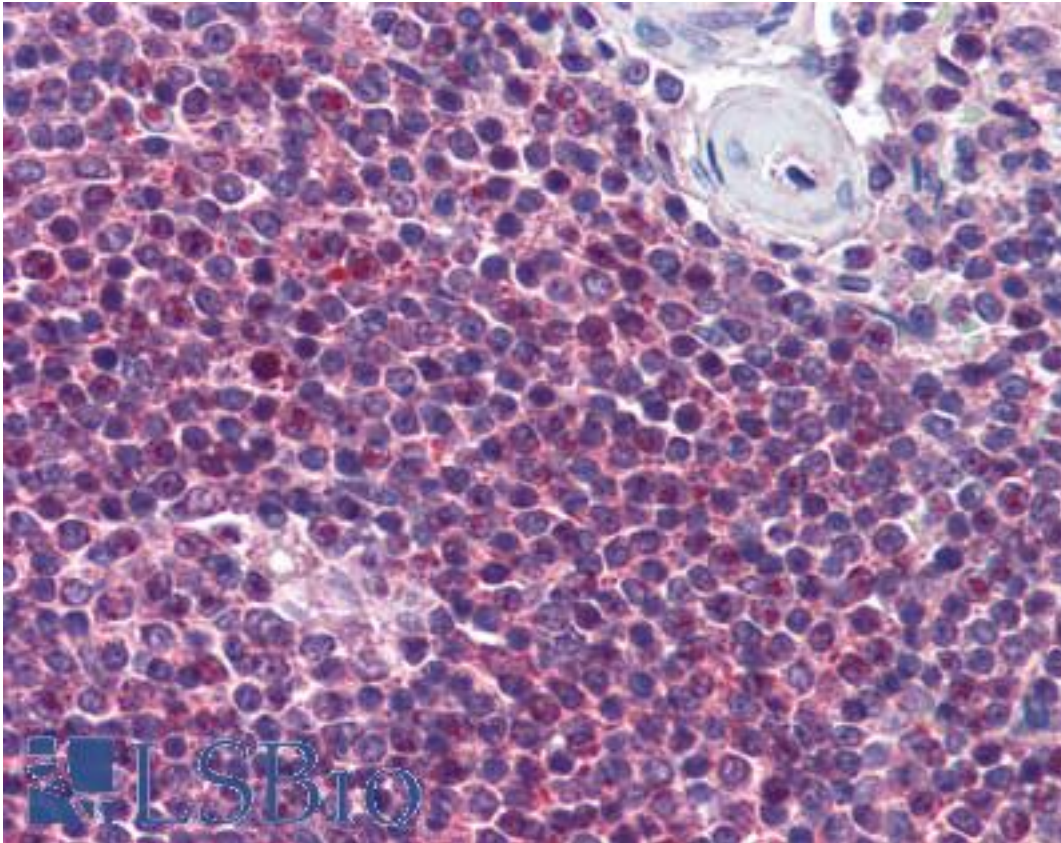


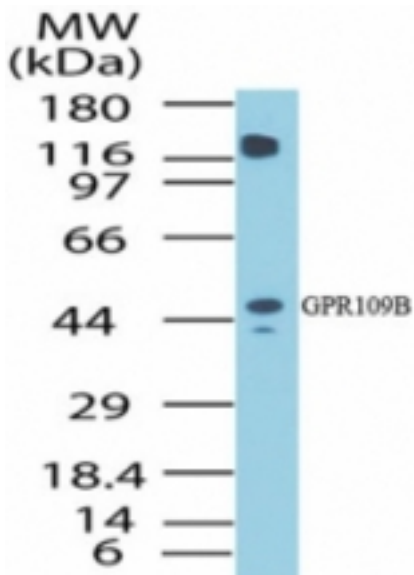
HCAR3 / GPR109B / HM74 Rabbit anti-Human Polyclonal (aa1-50) Antibody - LS-B1781 - LSBio	
CatalogID:	LS-B1781
Validation:	This antibody replaces catalog number LS-C47293. It has been validated for use in the following assays: IHC.
Target:	hydroxycarboxylic acid receptor 3 (HCAR3)
Synonyms:	HCAR3 Antibody, GPR109B Antibody, GTP-binding protein Antibody, NIACR2 Antibody, HM74 Antibody, HM74b Antibody, Nicotinic acid receptor 2 Antibody, Putative chemokine receptor Antibody, Niacin receptor 2 Antibody, Puma-g Antibody, HCA3 Antibody, PUMAG Antibody
Family / Subfamily:	GPCR / Nicotinic Acid
Host	HCAR3 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	HCAR3 / GPR109B / HM74 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	HCAR3 / GPR109B / HM74 antibody was raised against synthetic peptide from human GPR109B / HM74.
Specificity:	A portion of amino acids 1-50 of human GPR109B
Epitope:	aa1-50
Reactivity:	Human, Chimpanzee, Dog, Hamster
Purification:	Immunoaffinity purified
Presentation:	PBS, 0.2% gelatin, 0.05% sodium azide.
Recommended Storage:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1781 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1781 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (0.5 - 2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-GPR109B / HM74 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1781 concentration 10 ug/ml.

Western Blot Image:



Western blot of human GPR109B in human liver lysate using antibody at 1 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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