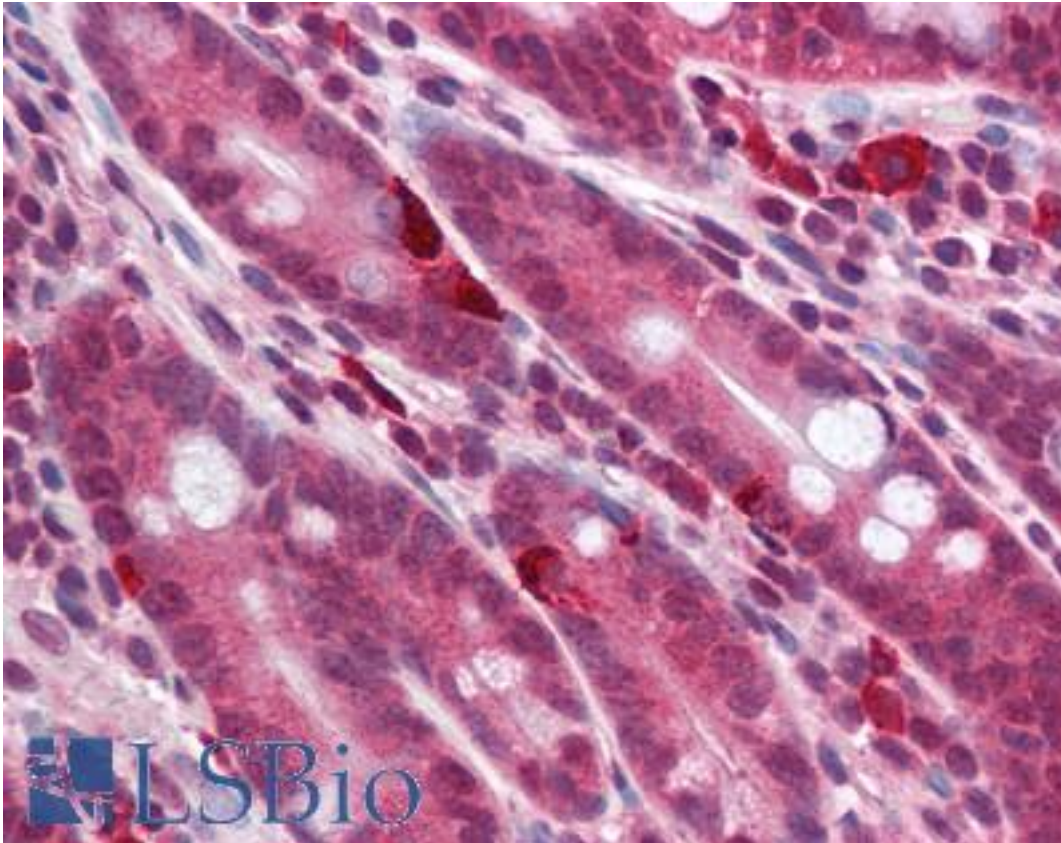


MC4R / Melanocortin 4 Receptor Rabbit anti-Mouse Polyclonal (aa21-33) Antibody - LS-B1601 - LSBio	
CatalogID:	LS-B1601
Validation:	This antibody replaces catalog number LS-C11171. It has been validated for use in the following assays: IHC.
Target:	melanocortin 4 receptor (MC4R)
Synonyms:	MC4R Antibody, Melanocortin receptor 4 Antibody, MC4-R Antibody, MC4 Antibody, MC4 receptor Antibody, Melanocortin 4 receptor Antibody
Family / Subfamily:	GPCR / Melanocortin
Host	MC4R antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	MC4R / Melanocortin 4 Receptor antibody was raised against Mouse
Immunogen:	MC4R / Melanocortin 4 Receptor antibody was raised against mouse melanocortin-4 receptor amino acids 21-33 (YGLHSNASESLGK). Percent identity by BLAST analysis: Mouse, Horse (100%); Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Marmoset, Tamarin, Pig, Guinea pig (92%); Baboon, Monkey, Rat (85%).
Specificity:	mouse melanocortin-4 receptor amino acids 21-33 (YGLHSNASESLGK)
Epitope:	aa21-33
Reactivity:	Mouse, Human, Horse
Predicted Reactivity:	Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Guinea pig, Pig
Purification:	Immunoaffinity purified
Presentation:	TBS, pH 7.4, 50% glycerol, 0.1% BSA, 0.02% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1601 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-B1601 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.4 mg/ml

Immunohistochemistry Image:



Anti-MC4 Receptor antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1601 concentration 5 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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