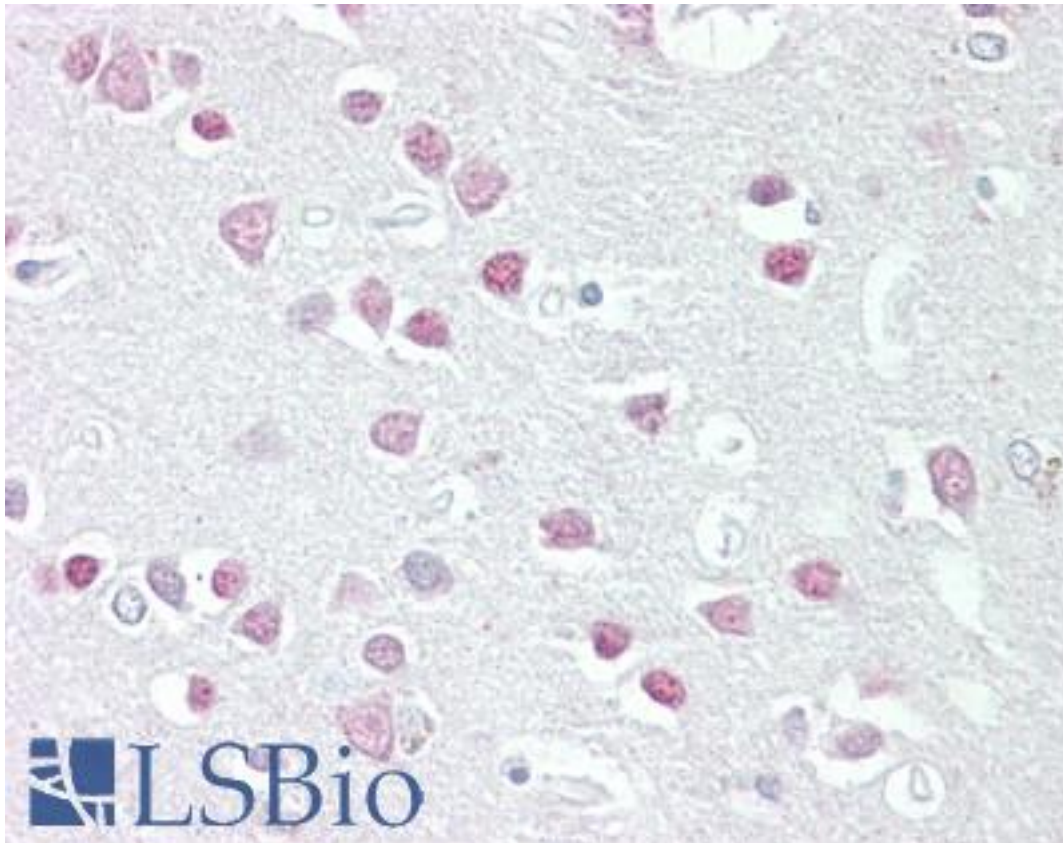


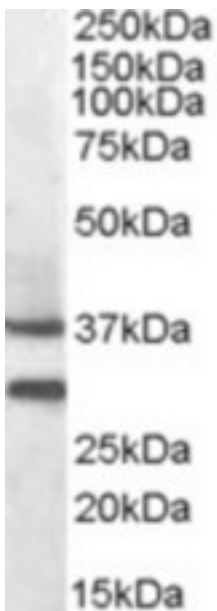
MC5R / MC5 Receptor Goat anti-Human Polyclonal (N-Terminus) Antibody - LS-B6471 - LSBio	
CatalogID:	LS-B6471
Validation:	This antibody replaces catalog number LS-C112745. It has been validated for use in the following assays: IHC-P.
Target:	melanocortin 5 receptor (MC5R)
Synonyms:	MC5R Antibody, HMC5R Antibody, MC2 Antibody, MC5-R Antibody, Melanocortin 5 receptor Antibody, MC5 Antibody, MC5 receptor Antibody, MC-2 Antibody, Melanocortin receptor 5 Antibody, Melanocortin-5 receptor Antibody
Family / Subfamily:	GPCR / Melanocortin
Host	MC5R antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	MC5R / MC5 Receptor antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	MC5R / MC5 Receptor antibody was raised against synthetic peptide PNVKNKSSPCED from the N-terminus (near) of human MC5R (NP_005904.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Bat (100%); Dog, Rabbit (92%); Marmoset, Panda (83%).
Specificity:	Human MC5R.
Epitope:	N-Terminus
Reactivity:	Human, Chimpanzee, Gorilla, Mouse, Bat
Predicted Reactivity:	Dog, Rabbit
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:8000. Western blot: Approx. 37kDa band observed in Human and Mouse Skeletal Muscle lysates (calculated MW of 36.6kDa according to NP_005904.1). Recommended concentration: 0.3-1 ug/ml. An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunizing peptide.
Uses:	IHC - Paraffin (2.5 - 3.75 µg/ml), Western blot (0.3 - 1 µg/ml), ELISA (1:8000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-MC5 Receptor antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B6471 concentration 2.5 ug/ml.

Western Blot Image:



MC5R antibody (0.3 ug/ml) staining of Mouse Muscle lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Requested From:	Japan
Laboratory Reagent For In Vitro Research Use Only	
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