

GHRL / Ghrelin Antibody (clone 4B8)
Mouse Monoclonal Antibody
Catalog # ALS14098**Specification**

GHRL / Ghrelin Antibody (clone 4B8) - Product Information

Application	WB, IHC
Primary Accession	O9UBU3
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	13kDa KDa

GHRL / Ghrelin Antibody (clone 4B8) - Additional Information**Gene ID** 51738**Other Names**

Appetite-regulating hormone, Growth hormone secretagogue, Growth hormone-releasing peptide, Motilin-related peptide, Protein M46, Ghrelin-27, Ghrelin-28, Ghrelin, Obestatin, GHRL, MTLRP

Target/Specificity

Human GHRL

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

GHRL / Ghrelin Antibody (clone 4B8) is for research use only and not for use in diagnostic or therapeutic procedures.

GHRL / Ghrelin Antibody (clone 4B8) - Protein Information**Name** GHRL**Synonyms** MTLRP**Function**

[Ghrelin-27]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:10604470). Induces the release of growth hormone from the pituitary (PubMed:10604470). Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.

Cellular Location

Secreted.

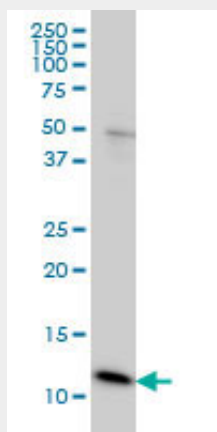
Tissue Location

Highest level in stomach. All forms are found in serum as well. Other tissues compensate for the loss of ghrelin synthesis in the stomach following gastrectomy

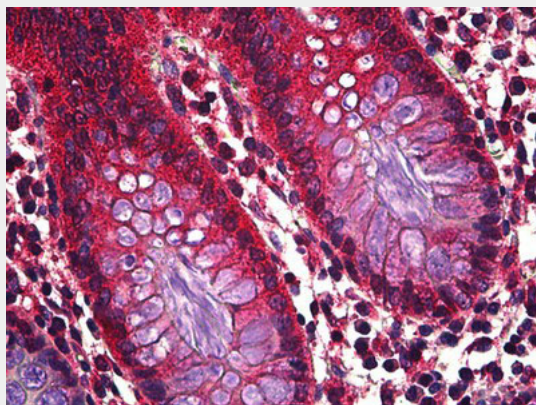
GHRL / Ghrelin Antibody (clone 4B8) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GHRL / Ghrelin Antibody (clone 4B8) - Images

Western blot of GHRL expression in HeLa cells with GHRL monoclonal antibody, clone 4B8.



Anti-Ghrelin antibody IHC of human colon, epithelium.

GHRL / Ghrelin Antibody (clone 4B8) - Background

Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.

GHRL / Ghrelin Antibody (clone 4B8) - References

Kojima M.,et al.Nature 402:656-660(1999).
Tomasetto C.,et al.Gastroenterology 119:395-405(2000).
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Hosoda H.,et al.J. Biol. Chem. 278:64-70(2003).
Seim I.,et al.BMC Genomics 8:298-298(2007).