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anti-Ghrelin antibody (Atto 390)





Overview

Quantity:	100 μg
Target:	Ghrelin (GHRL)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ghrelin antibody is conjugated to Atto 390
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide from the mid-protein of Human Ghrelin
Isotype:	IgG
Specificity:	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.,Detects ~13 kDa.
Cross-Reactivity:	Human, Rat
Purification:	Peptide Affinity Purified

Target Details

Target:	Ghrelin (GHRL)
Alternative Name:	Ghrelin (GHRL Products)

Target Details

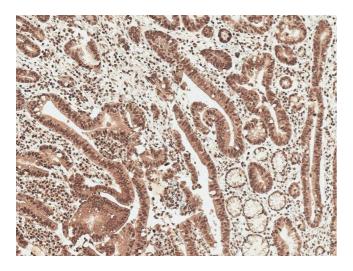
Gene ID:	51738
NCBI Accession:	NP_001128413
UniProt:	Q9UBU3
Pathways:	Positive Regulation of Peptide Hormone Secretion, Hormone Transport, Peptide Hormone Metabolism, Negative Regulation of Hormone Secretion, Synaptic Membrane, Feeding Behaviour

Application Details

Application Notes:	 WB (1:1000) ICC/IF (1:100) IHC (1:50) optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5066624 was sufficient for detection of Ghrelin in 15 µg of rat Pancreas cell lysates by ECL immunoblot analysis using goat anti-rabbit lgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

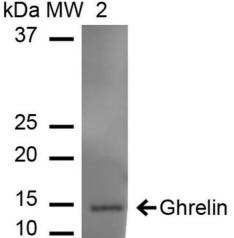
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



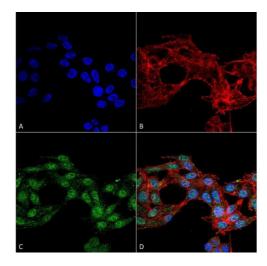
Immunohistochemistry

Image 1. Immunohistochemistry analysis using Rabbit Anti-Ghrelin Polyclonal Antibody (ABIN5066624). Tissue: Stomach. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-Ghrelin Polyclonal Antibody (ABIN5066624) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.



Western Blotting

Image 2. Western blot analysis of Rat Pancreas showing detection of ~12.9 kDa Ghrelin protein using Rabbit Anti-Ghrelin Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Pancreas cell lysates. Load: 15 μg. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-Ghrelin Polyclonal Antibody at 1:1000 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~12.9 kDa.



Immunocytochemistry

Image 3. Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Ghrelin Polyclonal Antibody (ABIN5066624). Tissue: Colon carcinoma cell line (RKO). Species: Human. Fixation: 4 % Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-Ghrelin Polyclonal Antibody (ABIN5066624) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain, DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasmic. Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Ghrelin Antibody. (D) Composite.

Please check the product details page for more images. Overall 4 images are available for ABIN5066624.