



[Go to Product page](#)

Datasheet for ABIN1533287

anti-Glucagon antibody (AA 61-110)

2 Images

Overview

Quantity:	100 µg
Target:	Glucagon (GCG)
Binding Specificity:	AA 61-110
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Glucagon.
Isotype:	IgG
Specificity:	Glucagon Antibody detects endogenous levels of total Glucagon protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Glucagon (GCG)
Alternative Name:	Glucagon (GCG Products)
Background:	Synonyms: Glicentin, Glicentin-related polypeptide, Oxyntomodulin, Glucagon-like peptide 1 (GLP-1), Glucagon-like peptide 1(7-37), Glucagon-like peptide 1(7-36), Glucagon-like peptide 2(GLP-2)

Target Details

NCBI Gene Symbol: GCG

Molecular Weight: 20 kDa

Gene ID: 2641

OMIM: 138030

UniProt: [P01275](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Peptide Hormone Metabolism](#), [cAMP Metabolic Process](#), [Regulation of Carbohydrate Metabolic Process](#), [Feeding Behaviour](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:5000

Comment: Unigene-Number: Hs.516494 (NCBI Gene Symbol: GCG)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

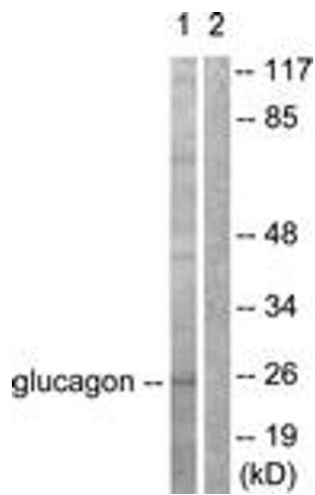
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

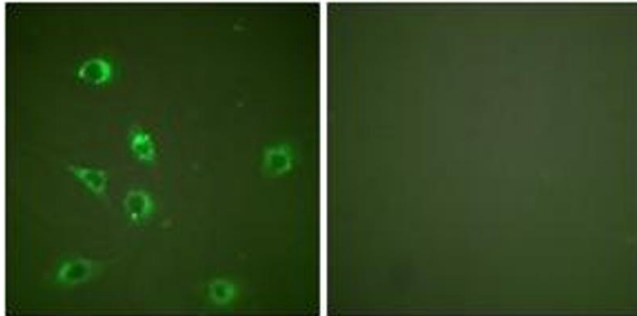
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells, using Glucagon Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells, using Glucagon Antibody. The picture on the right is treated with the synthesized peptide.