

## Product Datasheet

# Glucagon Antibody

Catalog No: CY6623

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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### Information

**UniProt ID:** P01275

**All Names:** GCG; Glicentin; Glicentin-related polypeptide; GLP-1;; GLP-2; GLP1; GLP2; GLUC; Glucagon; GRPP; OXM; OXY;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 21 kDa

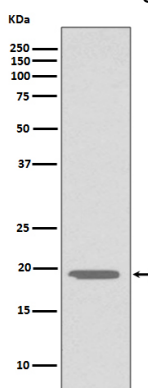
### Application

WB 1:500~1:2000

IHC 1:50~1:200

### Background

GCG Glucagon plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes. Belongs to the glucagon family. Glucagon release is stimulated by hypoglycemia and inhibited by hyperglycemia, insulin, and somatostatin. GLP-1 and GLP-2 are induced in response to nutrient ingestion.



Western blot analysis of Glucagon expression in HepG2 cell lysate.

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