



GCG
Antibody

#24318

Catalog Number: 24318-1, 24318-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P01275

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human GCG

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: GCG Antibody detects endogenous levels of total GCG

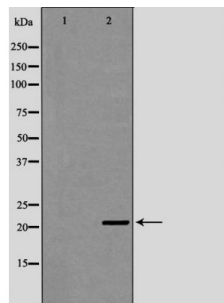
Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 21kd

WB: 1:500-2000

IHC: 1:50-200



Western blot analysis of HepG2 cell lysate using GCG antibody.

Background :

Glucose homeostasis is regulated by a variety of hormones including glucagon. Glucagon is synthesized as the precursor molecule proglucagon and is proteolytically processed to yield the mature peptide in α cells of the pancreatic islets. Glucagon causes the release of glucose from glycogen and stimulates gluconeogenesis in the liver (1,2).