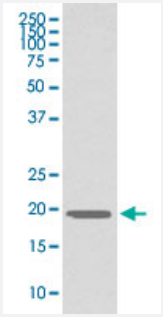
GCG monoclonal antibody, clone AOAF-7

Catalog # MAB20093 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with GCG monoclonal antibody, clone AOAF-7 (Cat # MAB20093).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human GCG.
Immunogen	A synthetic peptide corresponding to human GCG.
Host	Rabbit
Theoretical MW (kDa)	20.909
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Western Blot (Cell lysate)

  Western Blot analysis of HepG2 cell lysate with GCG monoclonal antibody, clone AOAF-7 (Cat # MAB20093).

Gene Info — GCG

Entrez GeneID	2641
Protein Accession#	P01275
Gene Name	GCG
Gene Alias	GLP1, GLP2, GRPP
Gene Description	glucagon
Omim ID	138030
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct matur e peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowerin g action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a s pecific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the ot her peptides are secreted from gut endocrine cells and promote nutrient absorption through distin ct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon. [provid ed by RefSeq
Other Designations	glicentin-related polypeptide|glucagon-like peptide 1|glucagon-like peptide 2

Pathway

- Neuroactive ligand-receptor interaction

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Disease

- Atherosclerosis
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Drug Toxicity
- Edema
- Obesity

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