

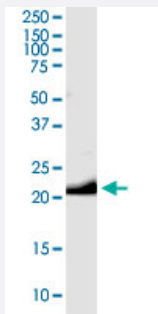
MaxPab®

GCG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002641-D01P

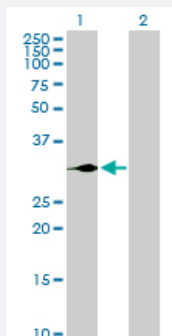
Size 100 ug

Applications



Western Blot (Tissue lysate)

GCG MaxPab rabbit polyclonal antibody. Western Blot analysis of GCG expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of GCG expression in transfected 293T cell line ([H00002641-T01](#)) by GCG MaxPab polyclonal antibody.

Lane 1: GCG transfected lysate(20.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GCG protein.
Immunogen	GCG (NP_002045.1, 1 a.a. ~ 180 a.a) full-length human protein.
Sequence	MKSIYFVAGLFVMLVQGSWQSLQDTEEKSRFSASQADPLSDPDQMNEKDRHSQGTFTSDYS KYLDSSRAQDFVQWLMNTRNRNNIAKRHDEFERHAEGTFTSDVSSYLEGQAAKEFIWLVKGR GRRDFPEEVAVEELGRRHADGSFSDEMNTILDNLAARDFINWLIQTKITDRK
Host	Rabbit
Reactivity	Human, Rat

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

GCG MaxPab rabbit polyclonal antibody. Western Blot analysis of GCG expression in rat brain.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GCG expression in transfected 293T cell line ([H00002641-T01](#)) by GCG MaxPab polyclonal antibody.

Lane 1: GCG transfected lysate(20.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — GCG

Entrez GeneID	2641
---------------	----------------------

GeneBank Accession#	NM_002054
---------------------	---------------------------

Protein Accession#	NP_002045.1
--------------------	-----------------------------

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 mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the other peptides are secreted from gut endocrine cells and promote nutrient absorption through distinct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon. [provided by RefSeq]
--------------	--

Other Designations

glicentin-related polypeptide|glucagon-like peptide 1|glucagon-like peptide 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Obesity](#)