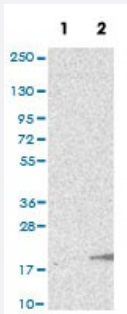


GNRH2 polyclonal antibody

Catalog # PAB31044

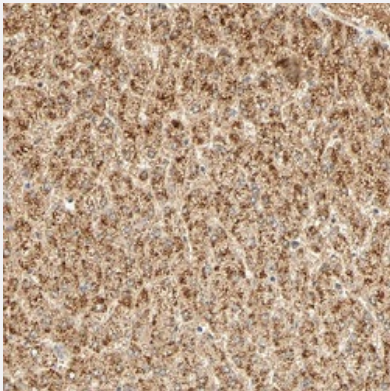
Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of (1) Negative control (vector only transfected HEK293T lysate), and (2) Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver shows cytoplasmic positivity in hepatocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GNRH2.
Immunogen	Recombinant protein corresponding to human GNRH2.
Sequence	HWSHGWYPGGKRALSSAQDPQNALRPPAGSPVQTAHGLPSDALAPLDDSMWPWEGRTTAQWS LHRKRHLARTLLTAAREPR
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-50) Western Blot (1:100-250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — GNRH2

Entrez GeneID	2797
Protein Accession#	Q43555
Gene Name	GNRH2
Gene Alias	GnRH-II, LH-RHII
Gene Description	gonadotropin-releasing hormone 2
Omim ID	602352
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a preproprotein that is cleaved to form a secreted 10 aa peptide hormone. The secreted decapeptide regulates reproduction in females by stimulating the secretion of both luteinizing- and follicle-stimulating hormones. Three transcript variants that encode unique preproteins but the same peptide hormone have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000030075|OTTHUMP00000030076|OTTHUMP00000030077|OTTHUMP00000030078||luliberin II|luteinizing hormone-releasing hormone II|progonadoliberin II

Pathway

- [GnRH signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)