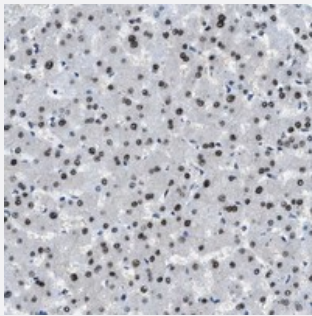


OGFR polyclonal antibody

Catalog # PAB20975 Size 100 uL

Applications



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

Immunohistochemical staining of human liver with OGFR polyclonal antibody (Cat # PAB20975) shows nuclear positivity in hepatocytes at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant OGFR.
Immunogen	Recombinant protein corresponding to amino acids of human OGFR.
Sequence	RRKVDEGAGDSA AVASGGAQTLALAGSPAPSGHPKAGHSENGVEEDTEGRTGPKEGTPGSPS ETPGPSPAGPAGDEPA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) 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

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

Immunohistochemical staining of human liver with OGFR polyclonal antibody (Cat # PAB20975) shows nuclear positivity in hepatocytes at 1:50-1:200 dilution.

Gene Info — OGFR

Entrez GeneID[11054](#)**Protein Accession#**[Q9NZT2](#)**Gene Name**

OGFR

Gene Alias

-

Gene Description

opioid growth factor receptor

Omim ID[606459](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a receptor for opioid growth factor (OGF), also known as [Met(5)]-enkephalin. OGF is a negative regulator of cell proliferation and tissue organization in a variety of processes. The encoded unbound receptor for OGF has been localized to the outer nuclear envelope, where it binds OGF and is translocated into the nucleus. The coding sequence of this gene contains a polymorphic region of 60 nt tandem imperfect repeat units. Several transcripts containing between zero and eight repeat units have been reported. [provided by RefSeq]

Other Designations

7-60 protein|OTTHUMP00000031503|zeta-type opioid receptor

Publication Reference

- [Exogenous OGF enhances the anti-tumor activity of cisplatin on hepatocellular carcinoma.](#)

Yinhe Sikong, Qing Wang, Meijuan Cai, Aijun Zhang, Fei Pang, Xiangdan Cui.

International Journal of Clinical and Experimental Pathology 2019 Feb; 12(2):590.

Application: IHC-P, WB-Ti, WB-Tr, Human, Human hepatocellular carcinoma, SK-Hep1 cells