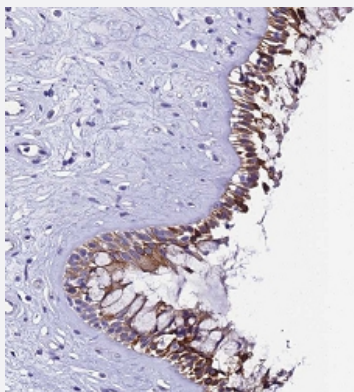


UGT2A1 polyclonal antibody

Catalog # PAB28013 Size 100 uL

Applications



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

Immunohistochemical staining of human nasopharynx.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant UGT2A1.
Immunogen	Recombinant protein corresponding to amino acids of human UGT2A1.
Sequence	KEHNVTVLVASGALFITPSNPSLTFEIMKVPFGKERIEGVIKDFVLTWLENRPSPSTIWRIFYQEMAK VIKDFHMQSQCIDGVLKNQQLMAKLKSKFEVLVSDPVFPCGDIVALKLGIPFMYS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20 - 1:50) 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 nasopharynx.

Gene Info — UGT2A1

Entrez GeneID[10941](#)**Protein Accession#**[Q9Y4X1](#)**Gene Name**

UGT2A1

Gene Alias

-

Gene Description

UDP glucuronosyltransferase 2 family, polypeptide A1

Omim ID[604716](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The olfactory neuroepithelium, which lines the posterior nasal cavity, is exposed to a wide range of odorants and airborne toxic compounds. Odorants, which are mostly small lipophilic molecules, enter the mucus flow and reach the odorant receptors on sensory neurons. Odorant sensing is generally a transient process, requiring an effective signal termination, which could be provided by biotransformation of the odorant in the epithelial supporting cells. Xenobiotic-metabolizing enzymes in the olfactory epithelium have been suggested to catalyze inactivation and facilitate elimination of odorants.[supplied by OMIM]

Other Designations

UDP glycosyltransferase 2 family, polypeptide A1

Pathway

- [Androgen and estrogen metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [Drug metabolism - cytochrome P450](#)

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Pentose and glucuronate interconversions](#)
- [Porphyrin and chlorophyll metabolism](#)
- [Retinol metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Hearing Loss](#)
- [Kidney Failure](#)