MaxPab®

UGT2A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010941-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human UGT2A1 protein.
Immunogen	UGT2A1 (AAI56240.1, 1 a.a. ~ 527 a.a) full-length human protein.
Sequence	MLNNLLLFSLQISLIGTTLGGNVLIWPMEGSHWLNVKIIIDELIKKEHNVTVLVASGALFITPTSNPSLT FEIYRVPFGKERIEGVIKDFVLTWLENRPSPSTIWRFYQEMAKVIKDFHMVSQEICDGVLKNQQLM AKLKKSKFEVLVSDPVFPCGDIVALKLGIPFMYSLRFSPASTVEKHCGKVPYPPSYVPAVLSELTD QMSFTDRIRNFISYHLQDYMFETLWKSWDSYYSKALGRPTTLCETMGKAEIWLIRTYWDFEFPRPY LPNFEFVGGLHCKPAKPLPKEMEEFIQSSGKNGVVVFSLGSMVKNLTEEKANLIASALAQIPQKV LWRYKGKKPATLGNNTQLFDWIPQNDLLGHPKTKAFITHGGTNGIYEAIYHGVPMVGVPMFADQPD NIAHMKAKGAAVEVNLNTMTSVDLLSALRTVINEPSYKENAMRLSRIHHDQPVKPLDRAVFWIEFV MRHKGAKHLRVAAHDLTWFQYHSLDVIGFLLVCVTTAIFLVIQCCLFSCQKFGKIGKKKKRE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)
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 (Transfected lysate)

  Protocol Download

Gene Info — UGT2A1

Entrez GeneID	10941
GeneBank Accession#	BC156239.1
Protein Accession#	AAI56240.1
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