

UGT2B7 rabbit monoclonal antibody

Catalog # H00007364-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UGT2B7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human UGT2B7 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human UGT2B7 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — UGT2B7

Entrez GeneID	7364
GeneBank Accession#	UGT2B7
Gene Name	UGT2B7
Gene Alias	UGT2B9
Gene Description	UDP glucuronosyltransferase 2 family, polypeptide B7
Omim ID	600068
Gene Ontology	Hyperlink
Gene Summary	The UGTs (EC 2.4.1.17) serve a major role in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. UGT2B7 has unique specificity for 3,4-catechol estrogens and estriol, suggesting that it may play an important role in regulating the level and activity of these potent estrogen metabolites. Its subcellular location is the microsome.[supplied by OMIM]
Other Designations	UDP glycosyltransferase 2 family, polypeptide B7 UDP-glucuronosyltransferase 2B7 UDP-glucuronyltransferase, family 2, beta-7

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

- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)
- [AIDS-Related Opportunistic Infections](#)
- [Anemia](#)
- [Apnea](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Confusion](#)
- [Diarrhea](#)
- [Duodenal Neoplasms](#)
- [Endometrial Neoplasms](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Heart Failure](#)
- [Hepatitis](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Leukopenia](#)
- [Liver Neoplasms](#)

- [Lupus Nephritis](#)
- [Malaria](#)
- [Nausea](#)
- [Neoplasms](#)
- [Obesity](#)
- [Opioid-Related Disorders](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Nausea and Vomiting](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Vasculitis](#)