

Rabbit anti-Human, Mouse UGT2B7 Polyclonal Antibody | anti-UGT2B7 antibody

UGT2B7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322965	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

UGT2B7; Polyclonal Antibody; UGT2B7 Antibody; UDP glucuronosyltransferase 2 family; member B7; 3 4 catechol estrogen specific; 3; 4 catechol estrogen specific UDPGT; 4-catechol estrogen-specific UDPGT; UD2B7_HUMAN; polypeptide B7; UDP glucuronosyltransferase 2 family polypeptide B7; member B9; UDP glucuronosyltransferase 2B7; UDP glucuronosyltransferase2 family; UDP glucuronyltransferase family 2 beta 7; UDP glycosyltransferase 2 family polypeptide B7; UDP-glucuronosyltransferase 2B7; UDP-glucuronosyltransferase 2B9; UDPGT; UDPGT 2B7; UDPGT 2B9; UDPGT2B7; UDPGTh 2; UDPGTh-2; UDPGTh2; UGT2B9; UGTB2B9; uridine diphosphate glycosyltransferase 2 family; anti-UGT2B7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	UGT2B7 antibody detects endogenous levels of UGT2B7.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-UGT2B7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human UGT2B7, corresponding to a region within the internal amino acids.
Subcellular Location	Microsome membrane. Endoplasmic Reticulum Membrane.
Predicted Cross Reactivity	Sheep
Similarity	Sheep (100%)
Conjugation	Unconjugated
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322965 staining 3T3 by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA322965 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.



IHC (Immunohistochemistry)

AAA322965 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-UGT2B7 antibody	Function: UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. Similarity: Belongs to the UDP-glycosyltransferase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190194389
NCBI GeneID	7364
NCBI Accession #	NP_001065.2
NCBI GenBank Nucleotide #	NM_001074.3
UniProt Accession #	P16662; Q6GTW0; B2R810
Molecular Weight	55 kDa
NCBI Official Full Name	UDP-glucuronosyltransferase 2B7 isoform 1
NCBI Official Synonym Full Names	UDP glucuronosyltransferase family 2 member B7
NCBI Official Symbol	UGT2B7
NCBI Official Synonym Symbols	UGT2B9; UDPGTH2; UDPGT2B7; UDPGTh-2; UDPGT 2B7; UDPGT 2B9
NCBI Protein Information	UDP-glucuronosyltransferase 2B7
UniProt Protein Name	UDP-glucuronosyltransferase 2B7
UniProt Gene Name	UGT2B7
UniProt Synonym Gene Names	UGTB2B9; UDPGT 2B7; UDPGT 2B9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.