

Datasheet for ABIN2783820
anti-UGT2B4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	UGT2B4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGT2B4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UGT2B4
Sequence:	NIKTILDELV QRGHEVTVLA SSASISFDPN SPSTLKFEVY PVSLTKTEFE
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against UGT2B4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UGT2B4
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Target Details

Alternative Name:	UGT2B4 (UGT2B4 Products)
Background:	<p>UGT2B4 belongs to the UDP-glycosyltransferase family. UDPGTs are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This isozyme is active on polyhydroxylated estrogens (such as estriol, 4-hydroxyestrone and 2-hydroxyestriol) and xenobiotics (such as 4-methylumbelliferone, 1-naphthol, 4-nitrophenol, 2-aminophenol, 4-hydroxybiphenyl and menthol). It is capable of 6 alpha-hydroxyglucuronidation of hyodeoxycholic acid.</p> <p>Alias Symbols: UGT2B11, HLUG25, UDPGTH1, UDPGT2B4</p> <p>Protein Interaction Partner: STAT5A,</p> <p>Protein Size: 528</p>
Molecular Weight:	60 kDa
Gene ID:	7363
NCBI Accession:	NM_021139 , NP_066962
UniProt:	P06133
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 528 AA
Restrictions:	For Research Use only

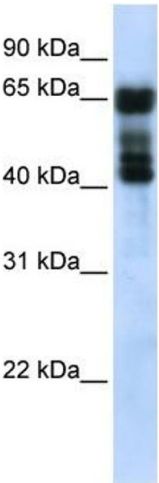
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

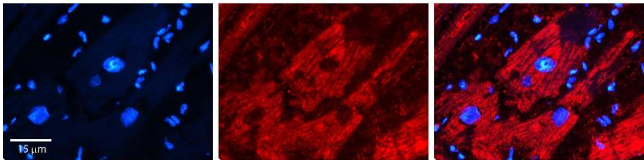
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-UGT2B4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Lung



Immunohistochemistry

Image 2. Rabbit Anti-UGT2B4 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec