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Datasheet for ABIN6243325 anti-UGP2 antibody (C-Term)

2 Images



Overview

Quantity:	400 µL
Target:	UGP2
Binding Specificity:	AA 467-497, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

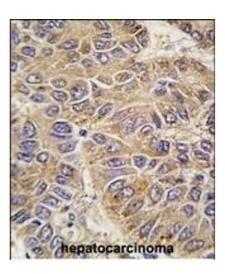
Immunogen:	This UGP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 467-497 amino acids from the C-terminal region of human UGP2.
Clone:	RB15109
lsotype:	Ig Fraction
Predicted Reactivity:	B, Ha, M, Pig
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

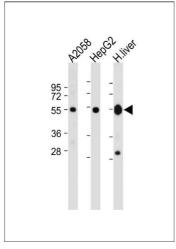
Target Details

Target: UGP2

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Target Details	
Alternative Name:	UGP2 (UGP2 Products)
Background:	UGP2 is an important intermediary in mammalian carbohydrate interconversions. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP-glucose and MgPPi. In liver and muscle tissue,UDP-glucose is a direct precursor of glycogen, in lactating mammary gland it is converted to UDP-galactose which is then converted to lactose. The eukaryotic enzyme has no significant sequence similarity to the prokaryotic enzyme.
Molecular Weight:	56940
NCBI Accession:	NP_001001521, NP_006750
UniProt:	Q16851
Pathways:	Cellular Glucan Metabolic Process
Application Details	
Application Notes:	WB: 1:2000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 $\%$ (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with UGP2 antibody (C-term) (ABIN6243325 and ABIN6578920), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. All lanes : Anti-UGP2 Antibody (C-term) at 1:2000 dilution Lane 1: whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: Human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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