

## UGP2 Antibody (C-term)

Catalog_no :	AB2107
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:467-497
Specificity :	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.
Dilution :	WB,1:2000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	UTP--glucose-1-phosphate uridylyltransferase, UDP-glucose pyrophosphorylase, UDPGP, UGPase, UGP2, UGP1
Isotype :	Rabbit Ig
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.
reference :	Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007) Wistow,G., (er) Mol. Vis. 8, 205-220 (2002) Chang,H.Y., Eur. J. Biochem. 236 (2), 723-728 (1996)