

Datasheet for ABIN632677 **anti-UGP2 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	UGP2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	UGP2 antibody was raised using the N terminal of µGP2 corresponding to a region with amino acids TKKDLDGFRKLFHRFLQEKGPSVDWGKIQRPPEDSIQPYEKIKARGLPDN
Specificity:	UGP2 antibody was raised against the N terminal of µGP2
Purification:	Affinity purified

Target Details

Target:	UGP2
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

Target Details

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: 56 kDa (MW of target protein)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: WB: 0.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: UGP2 Blocking Peptide, catalog no. 33R-9141, is also available for use as a blocking control in assays to test for specificity of this µgP2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of µgP2 antibody in PBS

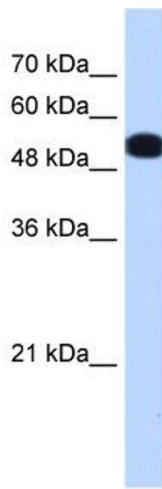
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. UGP2 antibody used at 0.25 ug/ml to detect target protein.