



Datasheet for ABIN7076143 anti-UAP1L1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	UAP1L1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UAP1L1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse UAP1L1
Purification:	Affinity purification

Target Details

Target:	UAP1L1
Alternative Name:	UAP1L1 (UAP1L1 Products)
Background:	UAP1 is a 56kDa isoform which catalyzes the final step of UDP-N-acetylglucosamine (UDP-GlcNAc) biosynthesis from fructose-6-phosphate. UDP-GlcNAc, the activated form of GlcNAc moiety is used as a key precursor in N-linked glycosylation and the glycosylphosphatidylinositol (GPI)-anchor of cellular proteins. Crystallization studies revealed UAP1 is composed of a large central core flanked by two smaller extra domains. The central main domain displays a alpha/beta structure resembling the Rossmann fold. Northern Blot analysis detected abundant

Target Details

expression of UAP1 in testis and sperm with a low expression in placenta, muscle and liver. It is implicated in antibody-mediated infertility in males.

Molecular Weight: 57 kDa

Gene ID: 227620

NCBI Accession: [NP_001028465](#)

UniProt: [Q3TW96](#)

Application Details

Application Notes: WB (M) 1:2000- 1:4000

Restrictions: For Research Use only

Handling

Format: Liquid

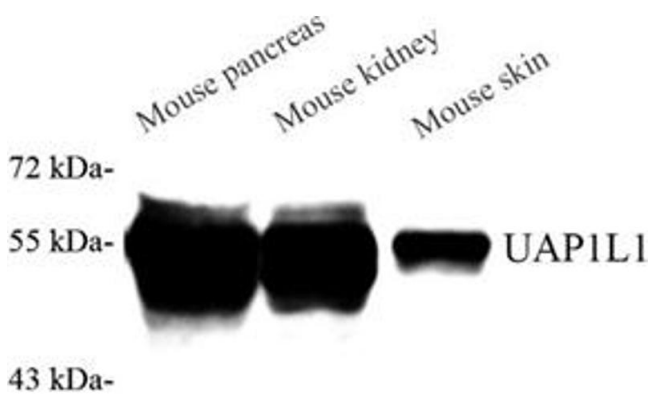
Buffer: PBS, pH 7.4, 0.02 % sodium azide

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: -20 °C

Images



Western Blotting

Image 1. Western blot analysis of UAP1L1 (ABIN7076143) at dilution of 1: 2000