Datasheet for ABIN7076143

anti-UAP1L1 antibody

1 Image

Go to Product page

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

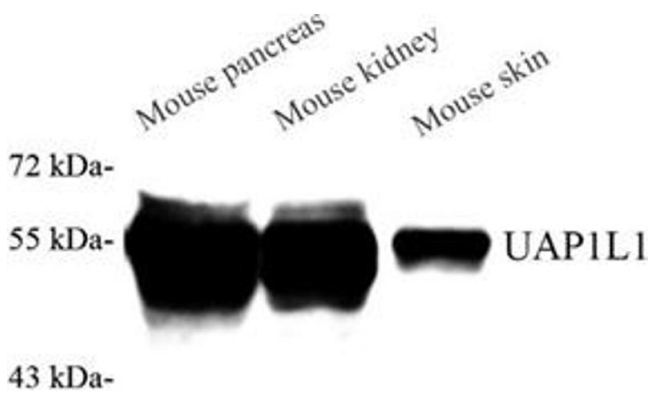
Application Details

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