

For Research Use Only

# UTP23 Polyclonal antibody

Catalog Number: 15950-1-AP

1 Publications



## Basic Information

### Catalog Number:

15950-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8609

### GenBank Accession Number:

BC005955

### GeneID (NCBI):

84294

### UNIPROT ID:

Q9BRU9

### Full Name:

UTP23, small subunit (SSU)  
processome component, homolog (yeast)

### Calculated MW:

249 aa, 28 kDa

### Observed MW:

28 kDa, 17 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : mouse liver tissue,

## Background Information

UTP23 is a component of ribosomal small-subunit processome, which is involved in ribosome synthesis and RNA maturation. UTP23 contains a long and likely unstructured tail at the C terminus of the PIN domain (PMID: 24152547). UTP23 is a target of genetic variation associated with colorectal cancer in chromosome 8q23.3, and it may coordinate with EIF3H in this region in the development of colorectal cancer. Low expression of UTP23 predicts poorer prognosis of ovarian cancer patients (PMID: 31540773, 37880005). It has 2 predicted molecular weight of 28 kDa and 17 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sida Zhang	37880005	Clin Breast Cancer	WB, IHC

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

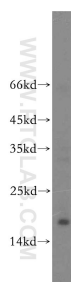
For technical support and original validation data for this product please contact:

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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 15950-1-AP (UTP23 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.