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# anti-UTP18 antibody (N-Term)

2 Images



#### Overview

Quantity:	100 μL
Target:	UTP18
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UTP18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UTP18
Sequence:	PARPSAAAAA IAVAAAEEER RLRQRNRLRL EEDKPAVERC LEELVFGDVE
Predicted Reactivity:	Dog: 93%, Human: 100%, Pig: 86%, Rabbit: 92%
Characteristics:	This is a rabbit polyclonal antibody against UTP18. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	UTP18
Alternative Name:	UTP18 (UTP18 Products)
Background:	UTP18 is involved in nucleolar processing of pre-18S ribosomal RNA.

## **Target Details**

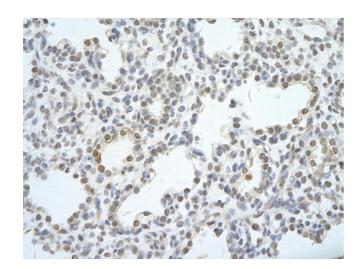
	Alias Symbols: CGI-48, WDR50
	Protein Interaction Partner: UBC, SUMO1, RNF2, HDAC11, CSNK2A1, SIRT7, SUMO2, USP36,
	G3BP1, MARK2,
	Protein Size: 556
Molecular Weight:	62 kDa
Gene ID:	51096
NCBI Accession:	NM_016001, NP_057085
UniProt:	Q9Y5J1

## **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 556 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### **Immunohistochemistry**

Image 1. Rabbit Anti-UTP18 antibody Catalog Number:
ARP40821 Paraffin Embedded Tissue: Human Lung cell
Cellular Data: alveolar cell of renal tubule Antibody
Concentration: 4.0-8.0 ug/ml Magnification: 400X

90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 31 kDa\_\_ 22 kDa\_\_

#### **Western Blotting**

**Image 2.** WB Suggested Anti-UTP18 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate UTP18 is supported by BioGPS gene expression data to be expressed in Jurkat