

For Research Use Only

# UXT Polyclonal antibody

Catalog Number: 11047-1-AP

1 Publications



## Basic Information

### Catalog Number:

11047-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1513

### GenBank Accession Number:

BC008890

### GeneID (NCBI):

8409

### UNIPROT ID:

Q9UBK9

### Full Name:

ubiquitously-expressed transcript

### Calculated MW:

20 kDa

### Observed MW:

18 kDa, 45 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

### Positive Controls:

WB : HeLa cells, mouse brain tissue

IP : mouse brain tissue,

## Background Information

Ubiquitously expressed transcript (UXT) is a gene transcription regulator. It can regulate androgen receptor (AR) transcription by concerting with the corepressor UR1. It is proposed a potential component of mitochondrial-associated LRPPRC, a multidomain organizer that potentially integrates mitochondria and the microtubular cytoskeleton with chromosome remodeling, for UXT increasing concentrations of UXT contributes to progressive aggregation of mitochondria and cell death potentially through its association with LRPPRC. UXT is possible a nuclear chaperone that promotes formation of the NF-kappa-B enhanceosome and which is essential for its nuclear function. It can suppresses cell transformation and mediate this function by interaction and inhibition of the biological activity of cell proliferation and survival stimulatory factors like MECOM

## Notable Publications

Author	Pubmed ID	Journal	Application
Carrieri Claudia C	23064229	Nature	WB

## 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

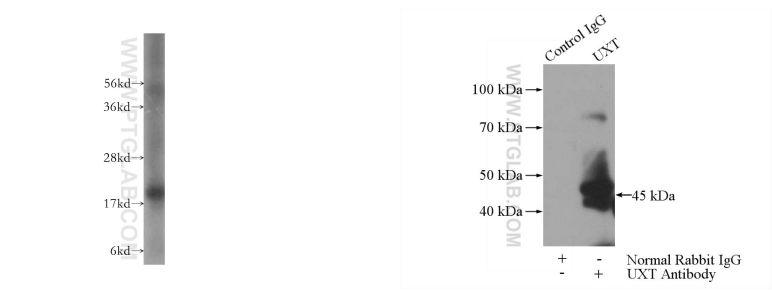
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 11047-1-AP (UXT antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.

IP result of anti-UXT (IP:11047-1-AP, 3ug; Detection:11047-1-AP 1:300) with mouse brain tissue lysate 4000ug.