

**UXT antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12857****Specification**

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**UXT antibody - N-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9UBK9</a>
Other Accession	<a href="#">NM_004182</a> , <a href="#">NP_004173</a>
Reactivity	<b>Human, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog</b>
Predicted Host	<b>Human, Pig, Bovine, Guinea Pig, Dog</b>
Clonality	<b>Rabbit</b>
Calculated MW	<b>Polyclonal</b> <b>18kDa KDa</b>

**UXT antibody - N-terminal region - Additional Information****Gene ID** 8409**Alias Symbol** **ART-27, STAP1****Other Names**

Protein UXT, Androgen receptor trapped clone 27 protein, ART-27, Ubiquitously expressed transcript protein, UXT

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-UXT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

UXT antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**UXT antibody - N-terminal region - Protein Information****Name** UXT**Function**Involved in gene transcription regulation (PubMed:[21730289](http://www.uniprot.org/citations/21730289), PubMed:[28106301](http://www.uniprot.org/citations/28106301)). Acts in concert with the corepressor URI1 to regulate androgen receptor AR-mediated transcription (PubMed:[11854421](http://www.uniprot.org/citations/11854421), PubMed:[21730289](http://www.uniprot.org/citations/21730289)). Together with URI1, associates with chromatin to the NKX3-1 promoter region (PubMed:[21730289](http://www.uniprot.org/citations/21730289)).

<http://www.uniprot.org/citations/21730289> target="\_blank">21730289</a>). Negatively regulates the transcriptional activity of the estrogen receptor ESR1 by inducing its translocation into the cytoplasm (PubMed:<a href="http://www.uniprot.org/citations/28106301" target="\_blank">28106301</a>). May act as nuclear chaperone that facilitates the formation of the NF-kappa-B enhanceosome and thus positively regulates NF-kappa-B transcription activity (PubMed:<a href="http://www.uniprot.org/citations/17620405" target="\_blank">17620405</a>, PubMed:<a href="http://www.uniprot.org/citations/21307340" target="\_blank">21307340</a>). Potential component of mitochondrial-associated LRPPRC, a multidomain organizer that potentially integrates mitochondria and the microtubular cytoskeleton with chromosome remodeling (PubMed:<a href="http://www.uniprot.org/citations/17554592" target="\_blank">17554592</a>). Increasing concentrations of UXT contributes to progressive aggregation of mitochondria and cell death potentially through its association with LRPPRC (PubMed:<a href="http://www.uniprot.org/citations/17554592" target="\_blank">17554592</a>). Suppresses cell transformation and it might mediate this function by interaction and inhibition of the biological activity of cell proliferation and survival stimulatory factors like MECOM (PubMed:<a href="http://www.uniprot.org/citations/17635584" target="\_blank">17635584</a>).

### Cellular Location

[Isoform 1]: Cytoplasm Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole Note=Predominantly localizes to the nucleus (PubMed:16221885) Localizes to spindle pole during mitosis (PubMed:16221885)

### Tissue Location

Ubiquitous (PubMed:10087202, PubMed:11827465, PubMed:11854421, PubMed:17635584). Expressed in prostate epithelial cells (PubMed:21730289). Expressed in mammary epithelial cells (PubMed:28106301). Highest levels in the heart, skeletal muscle, pancreas, kidney, liver, adrenal gland, peripheral blood leukocytes, lymph node, prostate, and thyroid and the lowest levels in bladder and uterus (PubMed:11827465, PubMed:11854421, PubMed:17635584) Overexpressed in a number of tumor tissues (PubMed:11854421, PubMed:16221885, PubMed:28106301).

### UXT antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### UXT antibody - N-terminal region - Images





WB Suggested Anti-UXT Antibody Titration: 1.25 $\mu$ g/ml  
Positive Control: HepG2 cell lysate

### **UXT antibody - N-terminal region - References**

Nwachukwu, J.C., (2007) Mol. Endocrinol. 21(12), 2864-2876 Reconstitution and Storage: 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.