

**Goat anti-UXT, Biotinylated Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4405a****Specification**

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**Goat anti-UXT, Biotinylated Antibody - Product Information**

Application	WB, IHC, Pep-ELISA
Primary Accession	<a href="#">O9UBK9</a>
Other Accession	<a href="#">NP_705582.1</a> , <a href="#">NP_004173.1</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	18246

**Goat anti-UXT, Biotinylated Antibody - Additional Information****Gene ID** 8409**Other Names**

UXT; ubiquitously expressed prefoldin like chaperone; ART-27; STAP1; SKP2-associated alpha PFD 1; androgen receptor trapped clone 27 protein; ubiquitously expressed transcript protein; ubiquitously-expressed, prefoldin-like chaperone

**Dilution**

WB~~1:1000  
IHC~~1:100~500  
Pep-ELISA~~N/A

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

This antibody is expected to recognize both reported isoforms (NP\_004173.1; NP\_705582.1).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-UXT, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-UXT, Biotinylated Antibody - Protein Information****Name** UXT

### Function

Involved in gene transcription regulation (PubMed:<a href="http://www.uniprot.org/citations/21730289" target="\_blank">21730289</a>, PubMed:<a href="http://www.uniprot.org/citations/28106301" target="\_blank">28106301</a>). Acts in concert with the corepressor URI1 to regulate androgen receptor AR-mediated transcription (PubMed:<a href="http://www.uniprot.org/citations/11854421" target="\_blank">11854421</a>, PubMed:<a href="http://www.uniprot.org/citations/21730289" target="\_blank">21730289</a>). Together with URI1, associates with chromatin to the NKX3-1 promoter region (PubMed:<a href="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).

### Goat anti-UXT, Biotinylated Antibody - 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](#)

### Goat anti-UXT, Biotinylated Antibody - Images