

UXT Rabbit pAb

CatalogNo: YN7013

| Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB

MW

- 17kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human UXT

Specificity

This antibody detects endogenous levels of UXT at Human,Rat

| Target Information

Gene name

UXT HSPC024

Protein Name	Protein UXT (Androgen receptor trapped clone 27 protein) (ART-27) (Ubiquitously expressed transcript protein)		
	Organism	Gene ID	UniProt ID
	Human	8409;	Q9UBK9;
	Mouse		Q9WTZ0;
	Rat	299313;	Q63ZY7;
Cellular Localization	[Isoform 1]: Cytoplasm .; Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle pole . Predominantly localizes to the nucleus (PubMed:16221885). Localizes to spindle pole during mitosis (PubMed:16221885). .		
Tissue specificity	Ubiquitous (PubMed:10087202, PubMed:11854421, PubMed:17635584, PubMed:11827465). 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:11854421, PubMed:17635584, PubMed:11827465). Overexpressed in a number of tumor tissues (PubMed:11854421, PubMed:16221885, PubMed:28106301).		
Function	Involved in gene transcription regulation . Acts in concert with the corepressor URI1 to regulate androgen receptor AR-mediated transcription . Together with URI1, associates with chromatin to the NKX3-1 promoter region . Negatively regulates the transcriptional activity of the estrogen receptor ESR1 by inducing its translocation into the cytoplasm . May act as nuclear chaperone that facilitates the formation of the NF-kappa-B enhanceosome and thus positively regulates NF-kappa-B transcription activity . Potential component of mitochondrial-associated LRPPRC, a multidomain organizer that potentially integrates mitochondria and the microtubular cytoskeleton with chromosome remodeling . Increasing concentrations of UXT contributes to progressive aggregation of mitochondria and cell death potentially through its association with LRPPRC . 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 . ; [Isoform 1]: Plays a role in protecting cells against TNF-alpha-induced apoptosis by preventing the recruitment of FADD and caspase 8 to the apoptotic complex I, composed of TRADD, TRAF2 and RIPK1/RIP.		

Validation Data

Contact information

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