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Research Use Only. Not for diagnostic or therapeutic use.

EB08231 - Goat Anti-UXT Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: UXT

Accession Number(s): NP_004173.1; NP_705582.1

Human GeneID(s): 8409

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_004173.1; NP_705582.1).

Immunogen

Peptide with sequence C-DHRDKVYEQLAKY, from the C Terminus of the protein sequence according to NP_004173.1; NP_705582.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 20kDa band observed in Human Kidney and Skeletal Muscle lysates (calculated MW of 19.6kDa according to NP_705582.1). Recommended concentration: 0.01-0.03µg/ml.

IHC: In paraffin embedded Thyroid Gland shows staining of cystoplasm in all epithelial cells, but nuclear staining in some of them. Recommended concentration, 5-10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

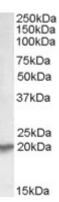
Specific Reference

This antibody has been successfully used in Western blot:

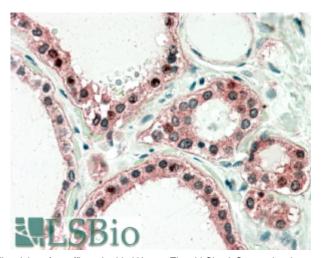
Mingyu Pan, Yue Yin, Tongyu Hu, Xinxia Wang, Tian Jia, Jing Sun, Quanyi Wang, Wei Meng, Juanjuan Zhu, Chunsun Dai, Haiyang Hu, Chen Wang UXT attenuates the CGAS-STING1 signaling by targeting STING1 for autophagic degradation.

Autophagy. 2023 Feb;19(2):440-456.

PMID: 35543189



EB08231 (0.03μg/ml) staining of Human Kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB08231 ($5\mu g/ml$) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.