

**UBAP2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12773a**

**Specification**

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**UBAP2 Antibody (N-term) - Product Information**

Application	IHC-P,E
Primary Accession	<a href="#">Q5T6F2</a>
Other Accession	<a href="#">NP_060919.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	144-173

**UBAP2 Antibody (N-term) - Additional Information**

**Gene ID** 55833

**Other Names**

Ubiquitin-associated protein 2, UBAP-2, UBAP2 {ECO:0000312|EMBL:AAI117631}

**Target/Specificity**

This UBAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the N-terminal region of human UBAP2.

**Dilution**

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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

**Precautions**

UBAP2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**UBAP2 Antibody (N-term) - Protein Information**

**Name** UBAP2 {ECO:0000312|EMBL:AAI11763.1}

**Function** Recruits the ubiquitination machinery to RNA polymerase II for polyubiquitination, removal and degradation, when the transcription-coupled nucleotide excision repair (TC-NER)

machinery fails to resolve DNA damage (PubMed:[35633597](#)). May promote the degradation of ANXA2 (PubMed:[27121050](#)).

#### **Cellular Location**

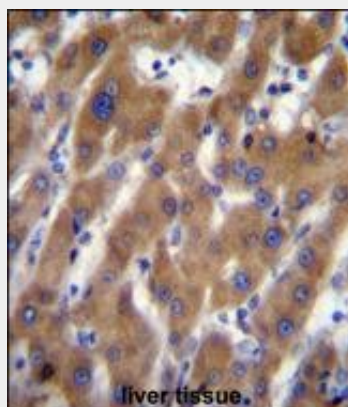
Nucleus. Chromosome. Cytoplasm. Note=Associates with nuclear chromatin

#### **UBAP2 Antibody (N-term) - 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](#)

#### **UBAP2 Antibody (N-term) - Images**



UBAP2 Antibody (N-term) (Cat. #AP12773a) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UBAP2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **UBAP2 Antibody (N-term) - Background**

This gene is a novel gene isolated based on its expression in the human adrenal gland. The full-length protein encoded by this gene contains a UBA-domain (ubiquitin associated domain), which is a motif found in several proteins having connections to ubiquitin and the ubiquitination pathway. In addition, the protein contains a region similar to a domain found in members of the atrophin-1 family. The function of this protein has not been determined. Additional alternate splice variants may exist, but their full length nature has not been determined.

#### **UBAP2 Antibody (N-term) - References**

Venturelli, E., et al. Neurosci. Lett. 482(3):240-244(2010)

Soranzo, N., et al. PLoS Genet. 5 (4), E1000445 (2009) :  
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)  
Zhang, Y., et al. Mol. Cell Proteomics 4(9):1240-1250(2005)  
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

**UBAP2 Antibody (N-term) - Citations**

- [UBAP2 plays a role in bone homeostasis through the regulation of osteoblastogenesis and osteoclastogenesis](#)