

**UBAP1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8828a**

**Specification**

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**UBAP1 Antibody (N-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">O9NZ09</a>
Other Accession	<a href="#">NP_057609</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55084
Antigen Region	6-33

**UBAP1 Antibody (N-term) - Additional Information**

**Gene ID** 51271

**Other Names**

Ubiquitin-associated protein 1, UBAP-1, Nasopharyngeal carcinoma-associated gene 20 protein, UBAP1

**Target/Specificity**

This UBAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-33 amino acids from the N-terminal region of human UBAP1.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**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**

UBAP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**UBAP1 Antibody (N-term) - Protein Information**

**Name** UBAP1 {ECO:0000303|PubMed:11599797, ECO:0000312|HGNC:HGNC:12461}

**Function** Component of the ESCRT-I complex, a regulator of vesicular trafficking process (PubMed:[21757351](#), PubMed:[22405001](#), PubMed:[31203368](#)). Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs) (PubMed:[21757351](#), PubMed:[22405001](#)). Plays a role in the proteasomal degradation of ubiquitinated cell-surface proteins, such as EGFR and BST2 (PubMed:[22405001](#), PubMed:[24284069](#), PubMed:[31203368](#)).

#### Cellular Location

Cytoplasm, cytosol. Endosome. Note=Predominantly cytosolic (PubMed:[21757351](#)). Recruited to endosomes as part of the ESCRT-I complex (PubMed:[21757351](#)).

#### Tissue Location

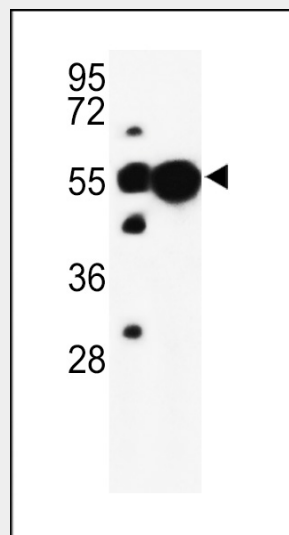
Ubiquitous. Highly expressed in heart, brain, placenta, lung, liver, skeletal muscle and pancreas

### UBAP1 Antibody (N-term) - Protocols

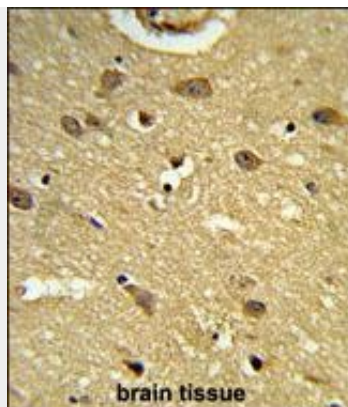
Provided below are standard protocols that you may find useful for product applications.

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

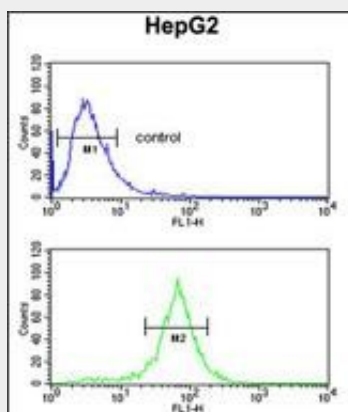
### UBAP1 Antibody (N-term) - Images



Western blot analysis of UBAP1 Antibody (N-term) (Cat. #AP8828a) in mouse liver, cerebellum tissue lysates (35ug/lane). UBAP1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with UBAP1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



UBAP1 Antibody (N-term) (Cat. #AP8828a) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### UBAP1 Antibody (N-term) - Background

UBAP1 is a member of the UBA domain family, whose members include proteins having connections to ubiquitin and the ubiquitination pathway. The ubiquitin associated domain is thought to be a non-covalent ubiquitin binding domain consisting of a compact three helix bundle. This particular protein originates from a gene locus in a refined region on chromosome 9 undergoing loss of heterozygosity in nasopharyngeal carcinoma (NPC). Taking into account its cytogenetic location, this UBA domain family member is being studied as a putative target for mutation in nasopharyngeal carcinomas.

### UBAP1 Antibody (N-term) - References

Qian, J., et al., J. Cancer Res. Clin. Oncol. 127 (10), 613-618 (2001) Qian, J., et al., Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao 33 (2), 147-152 (2001)