

UBAP2L Antibody
Catalog # ASC11959**Specification****UBAP2L Antibody - Product Information**

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|-------------------|--|
| Application | IHC |
| Primary Accession | Q14157 |
| Other Accession | NP_055662 , 9898 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Calculated MW | Predicted: 120 kDa |

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|-------------------|---|
| Application Notes | Observed: 130 kDa KDa UBAP2L antibody can be used for the detection of UBAP2L by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry at 10 µg/ml. |
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UBAP2L Antibody - Additional InformationGene ID **9898****Target/Specificity**

UBAP2L antibody was raised against a 19 amino acid peptide from near the amino terminus of human UBAP2L.

The immunogen is located within amino acids 200 - 250 of UBAP2L.

Reconstitution & Storage

UBAP2L antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

Precautions

UBAP2L Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

UBAP2L Antibody - Protein InformationName UBAP2L ([HGNC:29877](#))

Synonyms KIAA0144, NICE4

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). Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs) (By similarity). Is a regulator of stress granule assembly, required for their efficient formation (PubMed: 29395067, PubMed: 35977029). Required for

proper brain development and neocortex lamination (By similarity).

Cellular Location

Nucleus. Chromosome. Cytoplasm Cytoplasm, Stress granule Note=Associates with nuclear chromatin.

Tissue Location

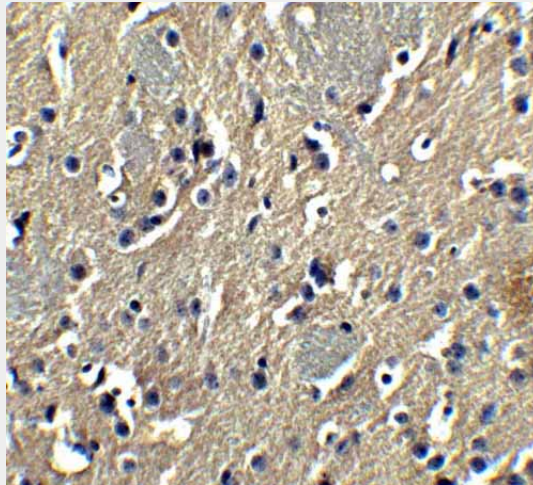
Ubiquitous..

UBAP2L 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](#)

UBAP2L Antibody - Images



Immunohistochemistry of PION in mouse brain tissue with PION antibody at 5 µg/mL.

UBAP2L Antibody - Background

The UBA domain-containing protein ubiquitin associated protein 2-like (UBAP2L), also known as NICE4, is a ubiquitously expressed 1,087 amino acid protein. UBAP2L is preferentially expressed in hematopoietic stem cell (HSC) populations and interacts with BMI1, a well-known determinant of HSC function (1). It is essential for the activity of long-term repopulating HSCs but not the BMI1-dependent repression of the Ink4a/Arf locus (1).

UBAP2L Antibody - References

Bordeleau ME, Aucagne R, Chagraoui J, et al. UBAP2L is a novel BMI1-interacting protein essential for hematopoietic stem cell activity. *Blood* 2014; 124:2362-9.

