

UBN1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12821**Specification**

UBN1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9NPG3
Other Accession	NM_016936 , NP_058632
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121kDa KDa

UBN1 antibody - C-terminal region - Additional Information**Gene ID** 29855**Alias Symbol** VT, VT4**Other Names**

Ubinnuclein-1, HIRA-binding protein, Protein VT4, Ubiquitously expressed nuclear protein, UBN1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-UBN1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

UBN1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

UBN1 antibody - C-terminal region - Protein Information**Name** UBN1**Function**

Acts as a novel regulator of senescence. Involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. Binds to proliferation-promoting genes. May be required for replication- independent chromatin assembly.

Cellular Location

Nucleus, nucleoplasm. Nucleus, PML body. Cell junction, tight junction. Note=Localized as a

nuclear speckled-like pattern in proliferating primary fibroblasts. Colocalizes with HIRA, PML and SP100 in PML bodies of senescent cells. Colocalizes with TJP1 and CLDN1. Detected along the upper granular cell layer of epidermis When overexpressed, accumulates in the nucleus in cells showing defective cytokinesis

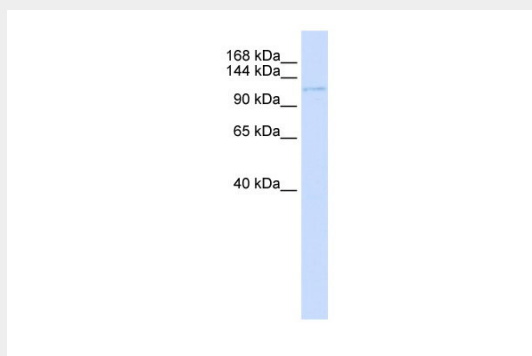
Tissue Location

Ubiquitous. Also expressed in numerous tumors and cancer cell lines.

UBN1 antibody - C-terminal region - 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](#)

UBN1 antibody - C-terminal region - Images

WB Suggested Anti-UBN1 Antibody Titration: 0.2-1 µg/ml

Positive Control: Hela cell lysate

UBN1 is supported by BioGPS gene expression data to be expressed in HeLa

UBN1 antibody - C-terminal region - References

Olsen, J.V., (2006) Cell 127(3), 635-648 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.