

UBN1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12821

Product Information

Application	WB
Primary Accession	Q9NPG3
Other Accession	NM_016936 , NP_058632
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121520

Additional Information

Gene ID	29855
Alias Symbol	VT, VT4
Other Names	Ubinuclein-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.

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.

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.